SERVICE MANUAL

AA-2D CHASSIS

<u>MODEL</u>	DEST.	<u>COMMANDER</u>	CHASSIS NO.
KV-32S42	US	RM-Y168	SCC-S07U-A
KV-32S42	CND	RM-Y168	SCC-S08R-A
KV-32S66	US	RM-Y169	SCC-S07V-A
KV-32S66	CND	RM-Y169	SCC-S08S-A
KV-32V42	US	RM-Y168	SCC-S07W-A
KV-35S42	US	RM-Y168	SCC-S07R-A
KV-35S42	CND	RM-Y168	SCC-S07P-A
KV-35S66	US	RM-Y169	SCC-S07S-A
KV-35S66	CND	RM-Y169	SCC-S08Q-A
KV-35V42	US	RM-Y168	SCC-S07T-A





TRINITRON® COLOR TV

SPECIFICATIONS

	107,000,40	10/ 00000	10/ 00//40	10/ 050 40	10/ 05000	10 (05) (40
	KV-32\$42	KV-32S66	KV-32V42	KV-35\$42	KV-35S66	KV-35V42
Power requirements	120V,60Hz	120V,60Hz	120V,60Hz	120V,60Hz	120V,60Hz	120V,60Hz
Number of inputs/output	S					
Video 1)	1	2	3	2	2	3
S Video 2)	1	1	1	1	1	2
Audio 3)	1	2	3	2	2	3
Audio Out	1	1	1	1	1	1
Monitor Out	-	-	1	-	-	1
S-Link	-	3	-	-	3	-
Speaker output(W)	5W x 2	5W x 2	5W x 2	5W x 2	5W x 2	5W x 2
Power Consumption(W)					
In use(Max)		180W	180W	210W	210W	210W
In standby	2W	2W	2W	2W	2W	2W
Dimensions(W/H/D)						
(mm)	791 x 707 x 604.5mm	791 x 707 x 604.5mm	821 x 675.3 x 587 mm	870 x 761x 653 mm	870 x 761x 653 mm	920 x 730.8x 641.8 mm
(in)	31 x 27 13/16 x 23 3/4 in	31 x 27 13/16 x 23 3/4 in	32 3/8 x 26 5/8 x 23 1/8 in	34 1/4 x 30 x 25 5/8 in	34 1/4 x 30 x 25 5/8 in	36 3/4 x 28 3/4 x 25 1/4 in
Mass				•		
(kg)	65 kg	65 kg	70 kg	83 kg	83 kg	90 kg
(lbs)	143 lbs	143 lbs	154 lbs	183 lbs	183 lbs	203 lbs

Television system

American TV standard, NTSC

Channel coverage

VHF:2-13/UHF:14-69/CATV:1-125

Picture tube

Trinitron® tube

Visible screen size

32-inch picture measured diagonally (KV-32S42/32S66/32V42)

35-inch picture measured diagonally (KV-35S42/35S66/35V42)

Actual screen size

34-inch picture measured (KV-32S42/32S66/32V42)

37-inch picture measured (KV-35S42/35S66/35V42)

Antenna

75 ohm external terminal for VHF/UHF

Supplied Accessories

RM-Y168 (KV-32S42/32V42/35S42/35V42) RM-Y169 (KV-32S66/35S66) Batteries size AA (R6) (2)

Optional Assessories

A/V Cable VMC-810/820/830HG Audio Cable RKC-515HG S-Link Cable RK-G69HG S Video Cable YC-15/30HG TV Stand SU-32A4, SU-35A4

Design and specifications are subject to change without notice.

- 1) 1 Vp-p 75 ohms unbalanced, sync negative
- Y: 1 Vp-p 75 ohms unbalanced, sync negative C: 0.286 Vp-p (Burst signal), 75 ohms
- 500 mVrms (100% modulation), Impedance: 47 kilohms
- More than 408 mVrms at the maximum volume setting (variable)
 More than 408 mVrms (fix)
 Impedance (output): 2 kilohms

(●) SRS (SOUND RETRIEVAL SYSTEM)

The (•) SRS (SOUND RETRIEVAL SYSTEM) is manufactured by Sony Corporation under license from SRS Labs, Inc. It is covered by U.S. Patent No. 4,748,669. Other U.S. and foreign patents pending.

The word 'SRS' and the SRS symbol (●) are registered trademarks of SRS Labs, Inc.

BBE and BBE symbol are trademarks of BBE Sound, Inc. and are licensed by BBE Sound, Inc. under U.S. Patent No. 4,638,258 and 4,482,866.

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WARNINGS AND CAUTIONS

CAUTION

SHORT CIRCUIT THE ANODE OF THE PICTURE TUBE AND THE ANODE CAP TO THE METAL CHASSIS, CRT SHIELD, OR CARBON PAINTED ON THE CRT, AFTER REMOVING THE ANODE.

WARNING!!

AN ISOLATION TRANSFORMER SHOULD BE USED DURING ANY SERVICE TO AVOID POSSIBLE SHOCK HAZARD, BECAUSE OF LIVE CHASSIS. THE CHASSIS OF THIS RECEIVER IS DIRECTLY CONNECTED TO THE AC POWER LINE.

SAFETY-RELATED COMPONENT WARNING!!

COMPONENTS IDENTIFIED BY SHADING AND MARK
① ONTHE SCHEMATIC DIAGRAMS, EXPLODED VIEWS, AND IN THE PARTS LIST ARE CRITICAL FOR SAFE OPERATION. REPLACE THESE COMPONENTS WITH SONY PARTS WHOSE PART NUMBERS APPEAR AS SHOWN IN THIS MANUAL OR IN SUPPLEMENTS PUBLISHED BY SONY. CIRCUIT ADJUSTMENTS THAT ARE CRITICAL FOR SAFE OPERATION ARE IDENTIFIED IN THIS MANUAL. FOLLOW THESE PROCEDURES WHENEVER CRITICAL COMPONENTS ARE REPLACED OR IMPROPER OPERATION IS SUSPECTED.

ATTENTION!!

APRES AVOIR DECONNECTE LE CAP DE L'ANODE, COURT-CIRCUITER L'ANODE DU TUBE CATHODIQUE ET CELUI DE L'ANODE DU CAP AU CHASSIS METALLIQUE DE L'APPAREIL, OU AU COUCHE DE CARBONE PEINTE SUR LE TUBE CATHODIQUE OU AU BLINDAGE DU TUBE CATHODIQUE.

ATTENTION!!

AFIN D'EVITER TOUT RESQUE D'ELECTROCUTION PROVENANT D'UN CHÁSSIS SOUS TENSION, UN TRANSFORMATEUR D'ISOLEMENT DOIT ETRE UTILISÉ LORS DE TOUT DÉPANNAGE. LE CHÁSSIS DE CE RÉCEPTEUR EST DIRECTEMENT RACCORDÉ À L'ALIMENTATION SECTEUR.

ATTENTION AUX COMPOSANTS RELATIFS A LA SECURITE!!

LES COMPOSANTS IDENTIFIES PAR UNE TRAME ET PAR UNE MARQUE \(\tilde{\Delta}\) SUR LES SCHEMAS DE PRINCIPE, LES VUES EXPLOSEES ET LES LISTES DE PIECES SONT D'UNEIMPORTANCE CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT. NE LES REMPLACER QUE PAR DES COMPOSANTS SONY DONT LE NUMERO DE PIECE EST INDIQUE DANS LE PRESENT MANUEL OU DANS DES SUPPLEMENTS PUBLIES PAR SONY. LES REGLAGES DE CIRCUIT DONT L'IMPORTANCE EST CRITIQUE POUR LA SECURITE DU FONCTIONNEMENT SONT IDENTIFIES DANS LE PRESENT MANUEL. SUIVRE CES PROCEDURES LORS DE CHAQUE REMPLACEMENT DE COMPOSANTS CRITIQUES, OU LORSQU'UN MAUVAIS FONTIONNEMENT SUSPECTE.

SAFETY CHECK-OUT

After correcting the original service problem, perform the following safety checks before releasing the set to the customer:

- Check the area of your repair for unsoldered or poorly soldered connections. Check the entire board surface for solder splashes and bridges.
- 2. Check the interboard wiring to ensure that no wires are "pinched" or touching high-wattage resistors.
- Check that all control knobs, shields, covers, ground straps, and mounting hardware have been replaced.
 Be absolutely certain that you have replaced all the insulators.
- Look for unauthorized replacement parts, particularly transistors, that were installed during a previous repair. Point them out to the customer and recommend their replacement.
- 5. Look for parts which, though functioning, show obvious signs of deterioration. Point them out to the customer and recommend their replacement.
- Check the line cords for cracks and abrasion.
 Recommend the replacement of any such line cord to the customer.
- Check the B+ and HV to see if they are specified values. Make sure your instruments are accurate; be suspicious of your HV meter if sets always have low HV.
- Check the antenna terminals, metal trim, "metallized" knobs, screws, and all other exposed metal parts for AC leakage. Check leakage as described below.

Leakage Test

The AC leakage from any exposed metal part to earth ground and from all exposed metal parts to any exposed metal part having a return to chassis, must not exceed 0.5 mA (500 microamperes). Leakage current can be measured by any one of three methods.

- A commercial leakage tester, such as the Simpson 229 or RCA WT-540A. Follow the manufacturers' instructions to use these instructions.
- A battery-operated AC milliammeter. The Data Precision 245 digital multimeter is suitable for this job.
- 3. Measuring the voltage drop across a resistor by means of a VOM or battery-operated AC voltmeter. The "limit" indication is 0.75 V, so analog meters must have an accurate low voltage scale. The Simpson's 250 and Sanwa SH-63Trd are examples of passive VOMs that are suitable. Nearly all battery-operated digital multimeters that have a 2 VAC range are suitable (see Figure A).

How to Find a Good Earth Ground

A cold-water pipe is a guaranteed earth ground. The coverplate retaining screw on most AC outlet boxes is also at earth ground. If the retaining screw is to be used as your earth ground, verify that it is at ground by measuring the resistance between it and a cold-water pipe with an ohmmeter. The reading should be zero ohms. If a cold-water pipe is not accessible, connect a 60- to 100-watt trouble- light (not a neon lamp) between the hot side of the receptacle and the retaining screw. Try both slots, if necessary, to locate the hot side on the line; the lamp should light at normal brilliance if the screw is at ground potential (see Figure B).

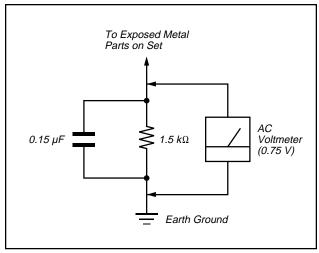


Figure A. Using an AC voltmeter to check AC leakage.

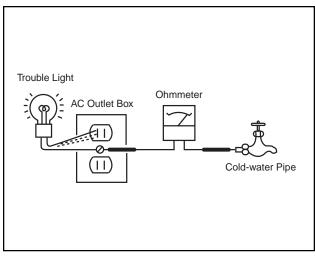


Figure B. Checking for earth ground.

SECTION 1 GENERAL

The instructions mentioned here are partial abstracts from the Operating Instruction Manual. The page numbers shown reflect those of the Operating Instruction Manual.

■ Welcome!

Thank you for purchasing the Sony Trinitron® Color TV. Before reading, check the model number located on the front of this manual.

The menus and illustrations used in these instructions are for KV 3586b. Differences in operation or features will be indicated in the text, for example, "KV-3586 only."

AUTO VOLUME CONTROL			•			•
annowans	•	•		•	•	
SAS PICTURE (PIP)			•			•
PICTUREIN		•			•	
Model Number	KV-32542	KV-32566	KV-32V42	KV-35542	KV-35566	KV-35V42

Precautions

Safety

- you are unable to insert the plug fully into the outlet, contact your dealer. The plug is designed, for safety purposes to fit in the wall outlet only one way. If Operate the TV only with 120 V AC.
 - If any liquid or solid object should fall inside the cabinet, unplug the TV immediately and have it checked by qualified personnel before operating it further.

nstalling

To prevent internal heat build-up, do not block the ventilation openings.

3 Using your New TV
This section shows the initial setup screen and how to use your remote control.

This section teaches you the basic skills needed to operate your new TV.

2 Basic Set Up

- Do not install the TV in a hot or humid place, or in a place subject to excessive dust or mechanical vibration.
- 5 Troubleshooting
 This section helps you to correct problems you may encounter with your TV. 4 Using your Menus
 This section teaches you how to access
 on-screen menus and adjust your TV's
 settings. The AC power cord is attached to the rear of the TV with hooks. Do not attempt to remove the cord from these hooks. Doing so could cause damage to the TV.

Connecting and Installing the TV

Making Connections

This manual is divided into five major sections. We recommend that you review the

contents before you begin to use your new

Using This Manual

1 Connecting and Installing the TV
This section guides you through your
initial set up. It shows how to connect to
your antenna or cable, and connect any

Refer to the table below, it will direct you to the diagram suitable to the equipment you will be connecting

If you will be connecting	See page
Cable or antenna only	ဇ
Cable and antenna	89
Cable box	4
Cable box and cable to view scrambled channels	4
VCR and cable or antenna	5
VCR and cable box	5
Two VCRs for tape editing	9
Satellite Receiver	7
VCR and Satellite Receiver	7
DVD Player	8
Audio system	6
Camcorder to view tapes	6
VCR using S-Link	10
Satellite Receiver using S-Link	10

Connecting and Installing the TV (continued)

Some pay cable TV systems use scrambled or encoded signals that require a cable box to view all channels. **Cable Box Connections**

If you will be controlling all channel selection through your cable box, you should consider using the CHANNEL FIX feature, (see page 23).

1 Connect the coaxial connector from your cable to the IN on your cable box.

Cable box

- **2** Using a coaxial cable, connect OUT on your cable box to VHF/UHF on your TV.

Cable box and cable KV-32S66, 35S66 only

(Rear of TV) VHF/UHF 100 9 9 Cable z

For this set up, you can switch between scrambled channels (through your cable box), and normal (CATV) channels by pressing ANT on your remote control. programmed to operate your cable box, · Your Sony remote control can be

If you are connecting a cable box through the AUX input and would like to switch between the AUX and normal (CATV) input you should consider using the CHANNEL FIX feature, (see page 23).

(see page 30).

Notes

• When using PIP, you cannot view the AUX input in the window picture.

Pressing ANT switches between these inputs.

(signal) TO CONVERTER P 0 8 (peilddns 8 ₿ ₿ 75-ohm coaxial cable (not CATV cable (unscr မှ **စ**ါနဲ့ Caple Z

al cable C · VHF and

Cable and antenna

(Rear of TV) VHF/UHF

75-ohm coaxial cable

A · VHF only

Cable or Antenna Connections

Connecting directly to cable or an

or • VHF/UHF

If your cable provider does not feature local channels, you may find this set up convenient. KV-32566, 35566 only



300-ohm to... lead cable

Or Or Or VHF/UHF

B · VHF only

Select CABLE or antenna (ANT) mode by pressing ANT on the remote control.

(Rear of TV) VHF/UHF • UHF (not supplied) 300-ohm twin lead cable

In order to receive channels with an antenna, you will need to turn your CABLE to OFF and perform the AUTO PROGRAM function, (see page 23). Note

m

The connection you choose will depend on the cable found in your bone. Never homes will be equipped with standard coaxial cable (see A): older homes will probably have \$90 ohm twin field cable (see B); still other homes may contain both (see C).

antenna

Connecting an antenna/cable TV system with a VCR

- 2 Using A/V connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV. Attach the coaxial connector from your cable or antenna to IN on your VCR.
- 3 Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV.
- Tip 🔅

If you are connecting a monaural VCR, connect only the single white audio output to the left input on your TV.

Connecting a VCR and TV with a cable box

- 1 Connect the coaxial cable from the wall to IN on your cable box.
- 2 Using a coaxial connector, connect OUT on your cable box to IN on your VCR. Connect a coaxial cable (not supplied) from the OUT jack on your VCR to VHF/UHF on your TV.
 - 4 Using A/V connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

AUDIO-R (red) AUDIO-L (white) VIDEO (yellow) AUDIO-R (red) AUDIO-L (white) VIDEO (yellow) 000 0 0 OUT MIGORAUDOL VIDEO S ©ωτ O IN Cable box AUDOR AUDOL VIDEO For optimum picture quality, use S VIDEO instead of the yellow A/V cable. S VIDEO does not provide sound, your audio connectors must still be connected. Coaxial cable -Coaxial cable 2 VCR • m 7 Cable/ antenna Ť

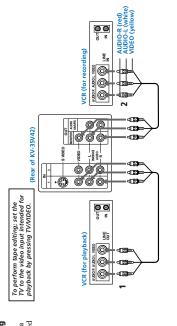
Connecting and Installing the TV (continued)

Connecting two VCRs for tape editing KV-32V42, 35V42 only

MONITOR OUT gives you the ability to use a second VCR to record a program being played by the primary VCR or to perform tape editing and dubbing.

1 Connect the VCR intended for playback using the connection instructions on page 5 of this manual.

and VIDEO IN on your VCR intended for recording to MONITOR AUDIO and 2 Using A/V connectors, connect AUDIO VIDEO OUT on your TV.



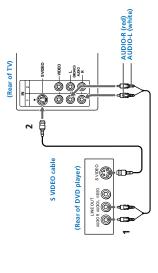
Connecting and Installing the TV (continued)

9

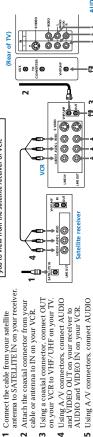
DVD Player Connections Connecting a DVD Player

- 1 Using audio connectors, connect AUDIO OUT on your DVD player to AUDIO IN on your TV.
- **2** Using an S VIDEO cable, connect S VIDEO on your DVD player to S VIDEO on your TV.

If you do not have an S Video cable, connect a yellow video cable from LINE OUT VIDEO on your DVD to VIDEO IN on your TV.



AUDIO-R (red) AUDIO-L (white) VIDEO (yellow) 000 (Rear of TV) 2 P Pressing TV/VIDEO on the remote control will allow you to view from the satellite receiver or VCR. MIGOR MIGOL VIRO SVIRO For optimum picture quality, use S VIDEO instead of the yellow AVV cable. S Video does not provide sound, your audio connectors must still be connected. Satellite receive



2 Attach the coaxial connector from your cable or antenna to IN on your VCR. 3 Using a coaxial connector, connect OUT on your VCR to VHF/UHF on your TV.

Connecting a satellite receiver and a VCR

5 Using A.V connectors, connect AUDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV. 4 Using A/V connectors, connect AUDIO and VIDEO OUT on your receiver to AUDIO and VIDEO IN on your VCR.

Satellite Receiver Connections

1 Connect the cable from your satellite antenna to SATELLITE IN on your receiver.

Connecting a satellite receiver

2 Attach the coaxial connector from your cable or antenna to VHF/UHF on your TV.

3 Using A/V connectors, connect AUDIO and VIDEO OUT on your receiver to AUDIO and VIDEO IN on your TV.

playback.
To resume normal playback, press ▶.

Press CH +/-

Additional Connections

Connecting an audio system For an enhanced sound, connect your audio

- 1 Using AUDIO connectors, connect AUDIO OUT on your TV to one of the unused Line inputs (e.g. Tape-2, AUXI, etc.) on your stereo. system to your TV.
 - 2 Set your stereo to the chosen Line input and use the AUDIO 2 menu to set your audio output, (see page 19).

(O) **@** Line AUDIO-L (white) 0 00 AUDIO-R (red) 島 ŧ 0 (Rear of TV) MARCO ON PART OF THE PART OF T 0

(Front of KV-32V42, 35V42 only)

Using A/V connectors, connect AUDIO and VIDEO OUT on your camcorder to AUDIO and VIDEO IN on your TV. Connecting a camcorder
This connection is convenient for viewing a picture directly from your camcorder.

Connection can also be made directly to the A/V input located on the the rear of the TV.

Tip 💸

If you are connecting a monaural camcorder, connect only the single white audio output to the left input on your TV.

AUDIO-R (red) -AUDIO-L (white) -VIDEO (yellow) -

Connecting and Installing the TV (continued)

Using Special Sony Features KV-32566, 35566 only

Connecting S-Link to a VCR

S-Link automatically powers on the TV and switches to the current video input when a tape is inserted in the VCR.

Using A/V connectors, connect ALIDIO and VIDEO OUT on your VCR to AUDIO and VIDEO IN on your TV.

WARRING OF THE PARTY OF THE PAR

₿

§@I

UNE OUT AUDIOL VIDEO

Ö ٥

(Rear of TV)

VCR

AUDIO-R (red)
AUDIO-L (white)
VIDEO (yellow)
Our

6

0-04

- 2 Using an S-Link connector (mono mini plug), connect S-LINK on your VCR to S-LINK/CONTROL S-OUT in the same VIDEO IN column on your TV.

Connecting S-Link to a satellite receiver

When you power on the satellite receiver, S-Link automatically powers on the TV and switches to the correct video input.

- 1 Using A/V connectors, connect AUDIO and VIDEO OUT on your satellite receiver to AUDIO and VIDEO IN on your TV.
- 2 Using an S.Link connector (mono mini plug), connect S.LINK on your satellite receiver to S.LINK/CONTROL S.OUT in the same VIDEO IN column on your TV.

Note
The S-Link feature will override the "SKIP"
VIDEO LABEL input, (see page 21).

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7

(Rear of TV)

The S-Link connector must be in the same VIDEO-IN column as the connected A/V cables.

Satellite receiver

DVD (Digital Versatile Disc)

code numbers

Laserdisc

Manufacturer

In some rare cases, you may not be able to operate your non-Sony video equipment with the supplied renote control. In this case, please use the equipment's own remote control.

314, 336, 338, 337 309, 308 312, 311 312, 311 314, 330, 336, 337

327, 328, 335, 3 314, 330, 3

Toshiba Wards Yamaha Zenith

Hitachi Instant Replay JC Penney

🔳 📗 Operating Video Equipment

Kenwood LXI (Sears) Magnavox Marantz

You can use the supplied remote control to operate Sony or non-Sony video equipment.

1 Press CODE SET.

Programming the remote

Tips ϔ

Sony Panasonic Pioneer

When you remove the batteries, the code number may

revert to the factory setting.

Buttons on the remote control Press VTR/DVD (POWER).

Operating a VCR

Marta Memorex Minolta Mitsubishi/MGA

Use the **0-9** buttons to key in the manufacturer's code number from the

following chart.

4 Press ENTER

2 Press VTR/DVD (FUNCTION).

Press the 0-9 buttons.

To select a channel directly To turn on or off

To change To record

751 753 752 755 755 note code numbers Manufacturer 704, 710 704, 710

	A CA	00/
remote	Toshiba	754
POWER).	Operating a DVD player	Buttons on the remote control
	To turn on or off	Press VTR/DVD (POWER).
	To play	Press ▶.
playback,	To stop	Press ■.
SS .	To pause	Press II.
during		To resume normal playback,
o		press again or press
playback,	To scan	Press ▶▶ or ▲▲ during
		- I may be a self-

The code numbers for Sony VCRs are assigned at the factory as follows:	Operating a Laserdisc	Buttons on the re control
VHS VCP	To turn on or off	Press VTR/DVD (PO
(preset code for	To play	Press .
supplied remote control)	To stop	Press ■.
8 mm V/CD	To pause	Press II.
		To resume normal pla
Beta. ED Beta VCRs 303		press again or press
	To scan	Press ▶▶ or ♣◀ dur
		playback.
		To resume normal pla
		press .
	To search the	Press CH +/
	chapter forward or	
	backward	
	Tip 🔆	
	If you will not be progreable box into the SAT.	If you will not be programming a satellite receive cable box into the SAT/CABLE function of vour

Press > and Press CH +/-.

∴ diT	If you will not be programming a satellite	cable box into the SAT/CABLE function	you can use it to program other video equ	DVD. MDP. or second VCR).

To resume normal playback, press again or press ₱.

To scan

Signature 2000 (M. Ward) \$V2000

304, 338, 309 341, 312, 309 314, 332, 336, 337 304 319, 320, 316, 317, 318, 341 325, 304, 309 322, 339, 340

Emerson Fisher Funai General Electric Go Video Goldstar

Press ★. Press ▶▶. Press .

To stop
To fast forward
To rewind the tape

RCA/PROSCAN

327 338, 344 314, 337 319, 317 309, 308 332 302, 332 315

Realistic

Audio Dynamic Broksonic Broksonic Citizen Critizen Critizen Curtis Mathes Daewoo DBX

To play

301, 302,

Admiral (M. Ward) Aiwa

VCR code numbers

Manufacturer

To resume normal playback, release the button. Press ▶▶ or ▲▲ during

Press TV/VTR.

To change input

If you will not be programming a satellite receiver cable box into the SAT/CABLE function of your reayou can use it to program other video equipment (e

To select chapters		MENU.	To move cursor in	menn	
ow dir	If you will not be programming a satellite receiver or	cable box into the SA1/CABLE function of your remote voil can use if to program other yideo equipment (e.g.	DVD. MDP. or second VCR).		

Press to display DVD menu. Use your arrow buttons ♣, ♠, ♠, ♣. 0-9 + ENTER To search the chapter forward or backward

Operating a Cable Box or Satellite Receiver

Programming the remote control

You can program the supplied remote control to operate a cable box or satellite

- Press CODE SET.
- 2 Press SAT/CABLE (FUNCTION).
- 3 Use the 0-9 buttons to key in the manufacturer's code number from the following chart.

For more details on operating the cable box or satellite receiver

Refer to the operating instructions that were supplied with the equipment.

First, try repeating the setup procedures using the other codes listed for your equipment.

Tips ϔ

- If more than one code number is listed, try entering them one by one until you come to the correct code for your equipment.
- Whenever you remove the batteries, the code numbers may revert to the factory setting.

If the remote control doesn't work

If you enter a new code number, the code number you previously entered at that setting is erased.
 In some rare cases, you may not be able to operate your equipment with the supplied remote control. In this case, use the equipment's supplied remote control control.

Cable box code numbers

Manufacturer	Code	
Hamlin/Regal	222, 223, 224, 225, 226	
Jerrold/G. Ĭ.	201, 202, 203, 204, 205,	
	206, 207, 208, 218	
Oak	227, 228, 229	
Panasonic	219, 220, 221	
Pioneer	214, 215	_
Scientific Atlanta	209, 210, 211	
Tocom	216, 217	
Zenith	212, 213	
Catallita change conjugate at limbour	open open	

Satellite receiver code numbers

Code	801 (preset code for	remote control)	802	802	804	803	802, 808	806, 807
Manufacturer	Sony		General Electric	Hitachi	Hughes	Panasonic	RCA/PROSCAN	Toshiba

Troubleshooting

Consult the table below; it suggests solutions to specific problems.

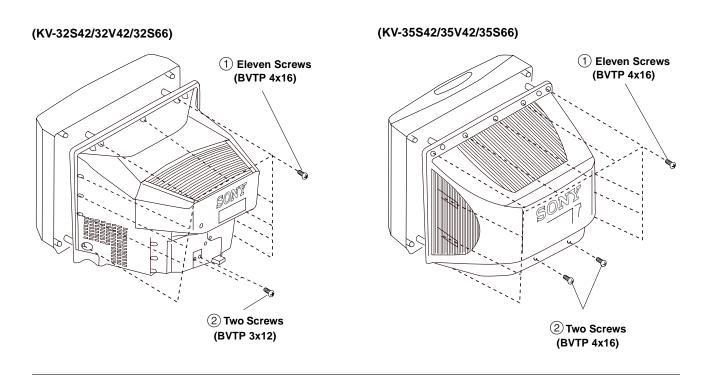
Problem	What it could be	What you can do
You want to restore the TV's factory settings		 First, turn the TV on. Then while pressing the RESET button on the remote control, press the POWIR button on the TV. The TV will turn itself off and then back on. When the TV turns on again, all settings will be reset, and the initial setup screen will appear.
A red light keeps flashing on the TV for more than a few seconds	Your TV may need service.	Call your local Sony service center.
TV makes a noise when turned on	TV makes a noise when turned on • This is a normal function of your TV.	
Screen is not lit and there is no sound	Power cord may not be plugged in. Renne control balteries may not be inserted correctly. TV/VIDEO setting may be incorrect. Current program may exceed PARENTAL. CONTROL settings.	Check your power cord. Re-insert the batteries in your remote control. Press TV/VIDEO until you receive a channel. Check your PARENTAL CONTROL settings (page 27).
Poor or no picture (screen lit), good sound	VIDEO menu settings may not be adjusted correctly. Readjust your VIDEO LABEL settings, (page 18). VIDEO LABEL inputs may be featily. VIDEO LABEL settings, (page 21). Antennat Cable connections may be set to WEB. (This label darkens the screen for ideal WebTV viewing)	Readjust your VIDEO menu settings, (page 18). Check your VIDEO LABEL settings, (page 21).
Good picture, no sound	 Sound may be set to MUTING. Your TV may be set to SAP. SPEAKER may not be set correctly. 	Press MUTING. Check the MTS setting in the AUDIO menu, (page 19). Check your SPEAKER settings, (page 19).
No color	Color settings may not be adjusted correctly.	Adjust the COLOR settings in the VIDEO menu, (page 18).
Only snow and noise appear on the screen	CABLE may not be set correctly in the CHANNEL SET UP ment. Antenna/cable connections may not be correct. TV may be set to AUX mode.	Ensure that you have selected the correct CABLE mode in the CHANNEL SETUP menu, (page 23). Press ANT on your remote control to change the input mode, (page 14).

Problem	What it could be	What you can do
Cannot receive upper channels (UHF) when using an antenna	CABLE setting may not be correct in the CHANNEL SET UP menu.	Ensure that CABLE is set to OFF in the CHANNEL SET UP menu, (page 23). Use AUTO PROGRAM to add receivable channels that are not presently in TV memory, (page 23).
Cannot receive any channels when using cable	CABLE setting may not be correct in the CHANNEL SET UP menu.	Ensure that CABLE is set to OFF in the CHANNEL. SET UP menu, (page 29). Use AUTO PROGRAM to add receivable channels that are not presently in TV memory, (page 23).
Cannot gain enough volume when using a cable box	Volume may not be adjusted on your cable box.	• Use the remote control supplied with the cable box.
TV is fixed to one channel	CHANNEL FIX settings may not be correct.	• Check your CHANNEL FIX settings, (page 23).
Lost password for PARENTAL CONTROL		• In the password screen, enter the following master password: 4357. The master password cannot be used to unlock currently blocked channels.

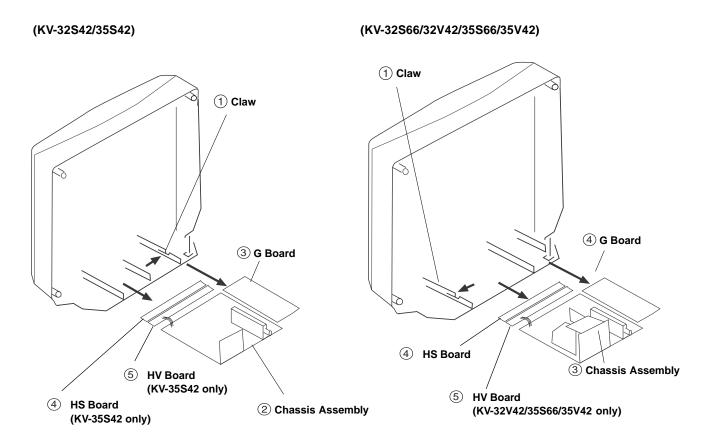
If, after reading these operating instructions, you have additional questions related to the use of your Sony television, please call our Direct Response Center at 1-800-222-SONY (7669)(U.S. residents only) or (416) 499-SONY (7669)(Canadian residents only).

SECTION 2 DISASSEMBLY

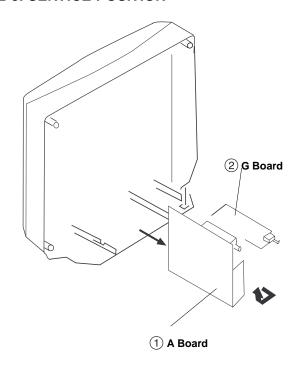
2-1. REAR COVER REMOVAL



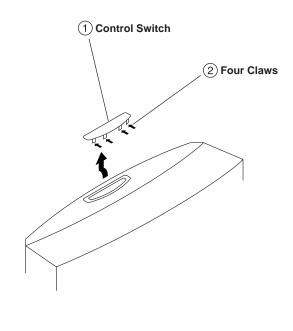
2-2. CHASSIS ASSEMBLY REMOVAL



2-3. SERVICE POSITION



2-4. CONTROL SWITCH REMOVAL (KV-32V42/35V42 only)



ANODE CAP REMOVAL

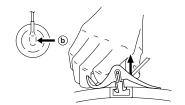
WARNING: High voltage remains in the CRT even after the power is disconnected. To avoid electrical shock, discharge the CRT **before** attempting to remove the anode cap. Short between anode and coated earth ground strap of CRT.

NOTE: After removing the anode, short circuit the anode of the picture tube and the anode cap to either the metal chassis, CRT shield, or carbon painted on the CRT.

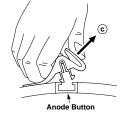
REMOVAL PROCEDURES



1 Turn up one side of the rubber cap in the direction indicated by arrow (a).



② Use your thumb to pull the rubber cap firmly in the direction indicated by arrow ⓑ.

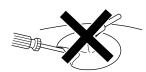


When one side of the rubber cap separates from the anode button, the anode cap can be removed by turning the rubber cap and pulling it in the direction of arrow (c).

HOW TO HANDLE AN ANODE CAP

- ① Do not use sharp objects which may cause damage to the surface of the anode cap.
- ② To avoid damaging the anode cap, do not squeeze the rubber covering too hard. A material fitting called a shatter-hook terminal is built into the rubber.
- ③ Do not force turn the foot of the rubber cover. This may cause the shatter-hook terminal to protrude and damage the rubber.

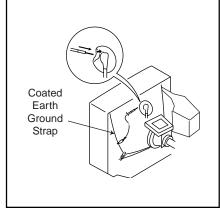


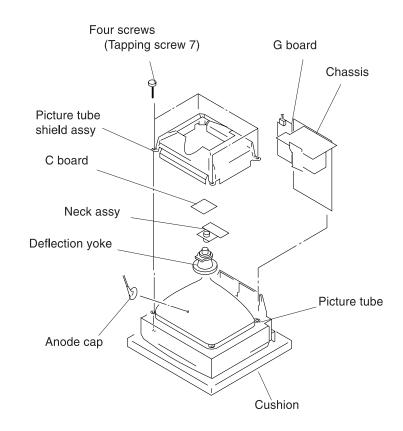


2-5-1. PICTURE TUBE REMOVAL (KV-32S42/32V42/32S66)

WARNING: BEFORE REMOVING THE ANODE CAP

High voltage remains in the CRT even after the power is disconnected. To avoid electric shock, discharge CRT *before* attempting to remove the anode cap. Short between anode and CRT coated earth ground strap.

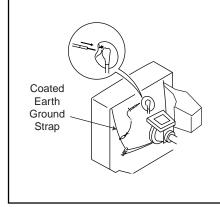


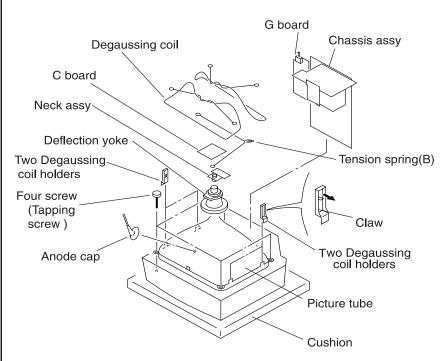


2-5-2. PICTURE TUBE REMOVAL (KV-35S42/35V42/35S66)

WARNING: BEFORE REMOVING THE ANODE CAP

High voltage remains in the CRT even after the power is disconnected. To avoid electric shock, discharge CRT *before* attempting to remove the anode cap. Short between anode and CRT coated earth ground strap.





SECTION 3 SET-UP ADJUSTMENTS

The following adjustments should be made when a complete realignment is required or a new picture tube is installed.

These adjustments should be performed with rated power supply voltage unless otherwise noted.

The controls and switch should be set as follows unless otherwise noted:

PICTURE control normal BRIGHTNESS control normal

Perform the adjustments in order as follows:

- 1. Beam Landing
- 2. Convergence
- 3. Focus
- 4. Screen (G2)/White Balance

Note: Test Equipment Required

- 1. Color Bar Pattern Generator
- 2. Degausser
- 3. DC Power Supply
- 4. Digital Multimeter

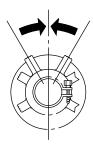
3-1. BEAM LANDING

Preparation:

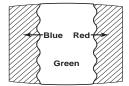
- Input a white pattern signal.
- Face the picture tube in an East or West direction to reduce the influence of geomagnetism.

NOTE: Do not use the hand degausser because it magnetizes the CRT.

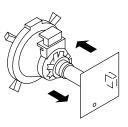
- 1. Input white pattern from pattern generator.
- 2. Loosen the deflection yoke mounting screw, and set the purity control to the center as shown below:



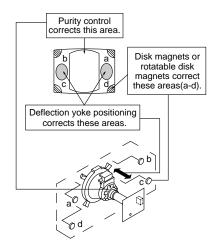
- 3. Input green pattern from pattern generator.
- 4. Move the deflection yoke backward, and adjust with the purity control so that green is in the center and red and blue are even on both sides.



5. Move the deflection yoke forward, and adjust so that the entire screen becomes green.



- 6. Switch over the raster signal to red and blue and confirm the condition.
- When the position of the deflection yoke is determined, tighten it with the deflection yoke mounting screw.
- 8. When landing at the corner is not right, adjust by using the disk magnets.



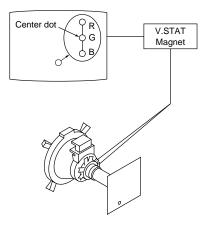
3-2. CONVERGENCE

Before starting convergence adjustments:

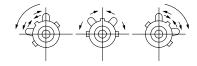
- 1. Perform FOCUS, V. LIN and V. SIZE adjustments.
- 2. Set BRIGHTNESS control to minimum.
- 3. Input dot pattern.

Vertical and Horizontal Static Convergence

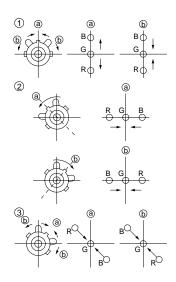
1. Adjust V. STAT magnet to converge red, green and blue dots in the center of the screen. (Vertical movement)



Tilt the V. STAT magnet and adjust static convergence to open or close the V. STAT magnet.



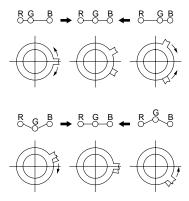
2. When the V. STAT magnet is moved in the direction of arrow a and b, red, green, and blue dots move as shown below:



Operation of BMC (Hexapole) Magnet

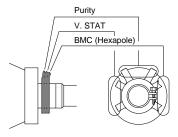
The respective dot positions resulting from moving each magnet interact, so perform adjustment while tracking.

Use the VSTAT tabs to adjust the red, green, and blue dots so they line up at the center of the screen (move the dots in a horizontal direction.)



Y Separation Axis Correction Magnet Adjustment

- Input cross-hatch pattern, adjust PICTURE to minimum and BRIGHTNESS to normal.
- Adjust the deflection yoke upright so it touches the CRT.
- 3. Adjust so that the Y separation axis correction magnet on the neck assembly is symmetrical from top to bottom (open state).

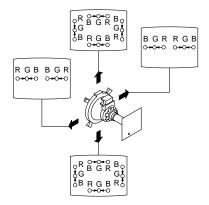


4. Return the deflection yoke to its original position.

Dynamic Convergence Adjustment

Before starting, perform Horizontal and Vertical Static Convergence Adjustment.

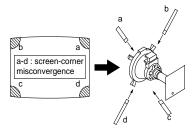
- 1. Slightly loosen deflection yoke screw.
- 2. Remove deflection yoke spacers.
- 3. Move the deflection yoke for best convergence as shown below:



- 4. Tighten the deflection yoke screw.
- 5. Install the deflection yoke spacers.

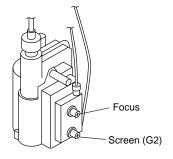
Screen-corner Convergence

Affix a permalloy assembly corresponding to the misconverged areas:



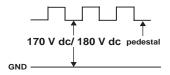
3-3. FOCUS

Adjust FOCUS control for best picture.



3-4. SCREEN (G2)

- 1. Input dot pattern from the pattern generator.
- 2. Set the PICTURE and BRIGHT controls at normal.
- Adjust S BRT, G CUT, B CUT in service mode with an oscilloscope so that voltages on the red, green, and blue cathodes are 170Vdc ± 2.0Vdc for 35" and 180Vdc ± 2.0Vdc for 32".
- Observe the screen and adjust SCREEN (G2) VR to obtain the faintly visible background of dot signal.



3-5. WHITE BALANCE ADJUSTMENTS

NO.	Disp.	Item	Avg/32"	Avg/35"
16	GDRV	Green Drive	33	45
17	BDRV	Blue Drive	33	45
18	GCUT	Green Cut-off	3	6
19	BCUT	Blue Cut-off	2	6
23	SBRT	Sub Bright	14	10

- 1. Input an entire white signal.
- 2. Set to Service adjustment Mode.
- 3. Set DCOL to "0"
- 4. Set the PICTURE and BRIGHT to minimum.
- 5. Adjust with SBRT if necessary.
- 6. Select GCUT and BCUT with 1 and 4.
- 7. Adjust with 3 and 6 for the best white balance.
- 8. Set the PICTURE and BRIGHT to maximum.
- 9. Select GDRV and BDRV with 1 and 4.
- 10. Adjust with 3 and 6 for the best white balance.
- 11. Reset DCOL to "1".
- 12. Write into the memory by pressing MUTING then ENTER **.

SECTION 4 SAFETY RELATED ADJUSTMENTS

4-1. ► R530, R531 CONFIRMATION METHOD (HOLD-DOWN CONFIRMATION) AND READJUSTMENTS

Always perform the following adjustments when replacing the following components marked with a \square mark on the schematic diagram:

A BOARD: IC351, IC501, D519, D520, D521, C531,

C532, R387, R529, R530, R531, R532,

R533, R550, T503

G BOARD: IC643, R661

Step 1 Preparation before Confirmation

Turn the POWER switch ON.

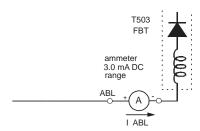
Input a white signal and set the PICTURE and BRIGHT controls to maximum.

Confirm that the voltage of more than 18.0 VDC appears between TP85 and ground on the A Board at AC Input: 120.0 ± 0.2 VAC.

Step 2

Input a white signal and verify that I ABL is within the specified range: $2160\pm100~\mu A$ (KV-35S42/S66/V42) or $2000\pm100~\mu A$ (KV-32S42/S66/V42).

At AC input: $120.0 \pm 2.0 \text{ VAC}$



Step 3

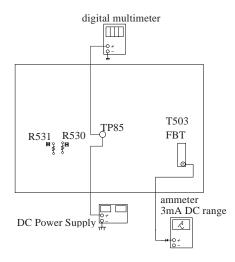
Record the voltage between TP85 and ground.

Step 4

Using an external DC power supply, apply voltage between TP85 and ground.

Increase the voltage gradually and confirm that the holdown works (raster disappears) at lower than the voltage recorded in Step 3.

Lower than 22.05 +0.0/-0.1 VDC (KV-35S42/S66/V42) or 26.95 +0.0/-0.1 VDC (KV-32S42/S66/V42) at AC input: 120.0 ± 2.0 VAC.



A BOARD - CONDUCTOR SIDE

Step 5

Confirm that a voltage of more than 18.0 VDC (KV-35S42/S66/V42) or 21.5 VDC (KV-32S42/S66/V42) appears between TP85 and ground at AC input: 120.0 ± 2.0 VAC

4-2. B+ VOLTAGE CONFIRMATION AND ADJUSTMENT

Always perform the following adjustments when replacing the following components marked with \square on the schematic diagram:

G BOARD: IC643, R661

- 1. Using a Variac, apply AC input voltage: $130 \pm 2.0 \text{ VAC}$
- 2. Input a monoscope signal.
- 3. Set the PICTURE control and the BRIGHT control to initial reset value.
- 4. Confirm the voltage of G BOARD CN641 between pin to ground is less than 136.5 VDC.
- 5. If step 4 is not satisfied, replace the R661 and repeat the above steps.

SECTION 5 CIRCUIT ADJUSTMENTS

ELECTRICAL ADJUSTMENTS BY REMOTE COMMANDER

Use the Remote Commander (RM-Y168) to perform the circuit adjustments in this section.

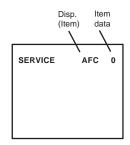
NOTE: Test Equipment Required:

- · Pattern generator
- · Frequency counter
- · Digital multimeter
- · Audio oscillator

5-1. Setting the Service Adjustment Mode

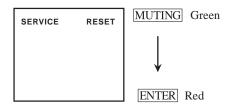
- 1. Standby mode. (Power off)
- Display → Channel 5 → Sound volume + → Power on the Remote Commander. (Press each button within a second.)

Service Adjustment Mode In



- 3. The CRT displays the item being adjusted.
- 4. Press $\boxed{1}$ or $\boxed{4}$ on the Remote Commander to select the item.
- 5. Press 3 or 6 on the Remote Commander to change the data.
- 6. Press MUTING then ENTER to write into memory**.

Service Adjustment Mode Memory



7. Press 8 then ENTER on the Remote Commander to initialize.



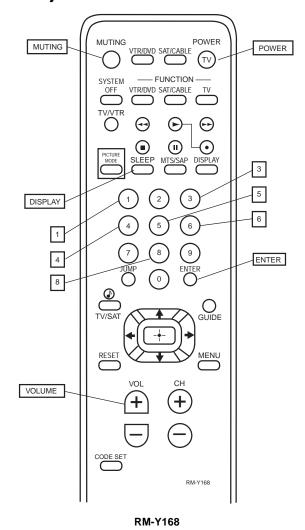
Carry out step 7 when adjusting IDs 0 to 4 and when replacing and adjusting IC002.

Turn set off and on to exit. * CAUTION: Wait at least 10 seconds before turning off set.

5-2. Memory Write Confirmation Method

- 1. After adjustment, pull out the plug from the AC outlet, then replace the plug in the AC outlet again.
- 2. Turn the power switch ON and set to Service Mode.
- 3. Call the adjusted items again to confirm they were adjusted.

5-3. Adjust Buttons and Indicator



**WARNING: Do NOT turn off the power or AC immediately after pressing MUTING then ENTER. Wait at least 10 seconds.

5-4. Adjustment Items

No.	Register Name	Description	Data	Adj/Fix	Initial		Averag	je Data	**		Comments
	Name		Range		Data		32"		35"		+
			Kange		Data	A,C	. D	G	ı	L	+
		VP CXA2095S				А,С		ď	'	-	<u> </u>
—	VDOC		0.00	A =1:	20	Ī	22	T	22		0.0 02.11-
2	VPOS VSIZ	V-Position V-Size	0-63 0-63	Adj Adj	20 20		23 27		33 52		0:Down, 63:Up 0:Min, 63:Max
3		V-Compensation	0-63	Fix	1			1	52		0:Min, 3:Max
4	VLIN	V-Linearity	0-15	Adj	7			9			0:Min, 15:Max
5		S-Correction	0-15	Adj	7		6	Ĭ	9		0:Min, 15:Max
6		H-Position	0-15	Adj	7		11		10		0:Right, 15:Left
7	HSIZ	H-Size	0-63	Adj	20		23		39		0:Min, 63:Max
8	PAMP	Pin Compensation	0-63	Adj	31		27		19		0:Min, 63:Max
9		Upper Corner Pin	0-15	Adj	7		4		7		0:Min, 15:Max
10	LPIN	Lower Corner Pin	0-15	Adj	7		6		10		0:Min, 15:Max
11		Pin Phase	0-15	Adj	7		4	<u> </u>	5		0:Min(small picture), 15:Max
12	AFC	AFC	0-3	Fix	2			2			0:Freerun, 1:Min, 3:Max
13 14		AFC Angle	0-15	Adj Adj	7		6	-	5 4		0:Right, 15:Left
15	REF	AFC Angle Reference Line	0-15 0-3	Fix	2			2	4		0:Right, 15:Left 0:22H(Rch), 3:16H(Rch)
16	GDRV	Green Drive	0-63	Adj	31		22	1	35		0:Min, 63:Max
17		Blue Drive	0-63	Adj	31		30	1	26		0:Min, 63:Max
18		Green Cutoff	0-15	Adj	7		5	1	8		0:Min, 15:Max
19		Blue Cutoff	0-15	Adj	7		7		6		0:Min, 15:Max
20	SCON	Sub Contrast	0-15	Adj	7		10		8		0:Min, 15:Max
21	SHUE	Sub Hue (RF only)	0-15	Adj	7		7(adjust f				0:+10deg, 15:-10deg
22		Sub Hue (composite & S-video)	0-15	Adj	7	7 (sa	ame as SHL			lue)	0:+10deg, 15:-10deg
23	SCOL	Sub Color (RF only)	0-15	Adj	7		11 (adjust f				0:Min, 15:Max
24		Sub Color (composite & S-video)	0-15	Adj	7	9 (SCOL adjust		no offs	set)	0:Min, 15:Max
25		Sub Brightness	0-63	Adj	31			26	40		0:Min, 63:Max
26 27	SSHP 1SSP	Sub Sharpness (RF & Composite video) Sub Sharpness (S-video only)	0-15	Fix by model Fix by model	7		10	-	10 10		0:Min, 15:Max
28		Gamma Correction	0-15 0-3	Fix by model	1		0		0		0:Min, 15:Max 0:Off, 1:Min, 3:Max
				•					U		0: Normal 1: High Speed
29	CDM2	Countdown Mode 2	0-1	Fix	0			0			Countdown Response
30	EYSW	External Y Switch	0-1	Fix	0			0			0: Normal 1: EYin disabled
31	DPIX	Dynamic Picture	0,1	Fix	1			1			0:Off, 1:On
32	Y-DC	DC Transmission Ratio	0,1	Fix	1			1			0:100%, 1:82%
33	ABLM	ABL Mode	0,1	Fix	1			1			0:PictureABL,
											1:Picture/BrightnessABL
34 35	AXIS NOTC	Color Demodulation Axis	0,1	Fix Fix	0			0			0:Japan, 1:US
36		Chroma Trap Filter Chroma Trap Adjust	0,1 0-15	Fix	7			<u>0</u> 7			0:Off, 1:On 0:+300kHz, 1:-300kHz
37	TOT	TOT Filter (RF only)	0.1	Fix	1			<u>/</u>			0:Off, 1:On
38	1TOT	TOT Filter (Composite & S-video)	0.1	Fix	1			0			0:Off, 1:On
39		Pre/Overshoot Ratio (RF & Composite)	0-3	Fix by model	3			1			0: 2:1, 3: 5:1
40		Pre/Overshoot Ratio (S-video only)	0-3	Fix by model	3			3			0: 2:1, 3: 5:1
41	SHPF	Sharpness fo (RF & Composite)	0-3	Fix by model	2			1			0:2.5MHz, 3:4.0MHz
42		Sharpness fo (S-video only)	0-3	Fix by model	2			3			0:2.5MHz, 3:4.0MHz
43	RON	Red Off	0,1	Fix	1			1			0:Off, 1:On
44		Green Off	0,1	Fix	1			1			0:Off, 1:On
45		Blue Off	0,1	Fix	1			1		4.	0:Off, 1:On
46		Dynamic Color	0,1	Fix	0	1 (ad	djusted @ 0,		pped a	is 1)	0:Off, 1:On
47 48		V Countdown Mode	0,1	Fix	0			0			0:Auto, 1:Fix
48		H Blanking Switch Left Blanking	0,1 0-15	Fix Fix	0			7			0:Off, 1:On 0:Min, 15:Max
50		Right Blanking	0-15	Fix	0			<u>/</u> 7			0:Min, 15:Max
30	INDEK		0-15	I IX	U			'			U.IVIIII, TU.IVIAX
<u></u>		AP CXA2021				,					_
51	SVOL	Sub Volume	0-15	Fix	0			6			0:-0 Volume steps, 15:-15 Volume
											steps
52	SBAL	Sub Balance	0-15	Fix	7	0		7	0	10	0: +Right, 15:+Left
53 54		Sub Bass Sub Treble	0-15	Fix by model Fix by model	7	8 10	7		3 0	10 7	0:-7 Steps, 15: +8 steps
54	SIRE		0-15	i ix by illouel	'	10	1	1 1	U	/	0:-7 Steps, 15: +8 steps
\perp		MM1311/1313									
55	AUSW	Audio Att Sw	0,1	Fix	1			1			0:-6dB, 1:0dB (Only for VIDEO
لـــا		***	.,,								input)

**AVERAGE DATA MODEL GROUPINGS:

32" A: KV-32S42	35" G: KV-35S42
C: KV-32S66	I: KV-35S66
D: KV-32V42	L: KV-35V42

Adjustment Items (cont.)

No.	Register Name	Description	Data	Adj/Fix	Initial	Average Date	ta**	Comments
	HAINE		Range		Data	32"	35"	1
						A,C D G	I L	
	PYSD	PI SDA9288 Select Delay	0.45	Fig. by D by				Io D: 11 451 6
56 57	PIPH	PIP H-position	0-15 0-127	Fix by P-bd Fix	78	3 78		0:Right, 15:Left 0:Right, 127:Left
58	PIPV	PIP V-position	0-63	Fix	18	18		0:Up, 63:Down
59	PYDL	PIP Y-delay	0-7	Fix	0	0		0:Right, 7:Left
60	PHDL	H-pulse delay	0-15	Fix by P-bd	3	0		0:Right, 15:Left
61	PMVD	Main V-pulse delay	0-31	Fix	16	16		7-21: Available (1-6/22-31 Not Avail)
62	PIVD	Inset V-pulse delay	0-31	Fix	22 7	22		16-28 Available (1-15/29-31 Not Avail)
63 64	PCON	Inset Contrast Frame Y	0-15 0-15	Fix Fix	7	<u>6</u> 7		0:Min, 15:Max 0:Dark, 15:Bright
65	CHRI	Input Polarity	0,1	Fix by P-bd	1	1		0:+(B-Y)+(R-Y), 1:-(B-Y)-(R-Y)
\dashv			+		1			
66	IPER	Output Polarity	0,1 0-15	Fix Fix	0	1 0		0:+(B-Y)+(R-Y), 1:-(B-Y)-(R-Y)
67 68	IPER	Inset Pedestal R-Y Inset Pedestal B-Y	0-15	Fix	0	0		0:Center, 7:Max, 8:Min 0:Center, 7:Max, 8:Min
69	PCPS	CLPS Bit Control	0,1	Fix	0	0		0:Depend on HSIDEL, 1:Not depend
70	PCPF	CLPFIX Bit Control	0,1	Fix	0	0		0: 3Clamp line, 1: 2Clamp line
71	PSEL	SELDOWN Bit Control	0,1	Fix by P-bd	1	1		0:Open out, 1:TTL out
72	PPLL	PLL Filter Bits	0-3	Fix	0	0		Fixed value only
73	PVNR	VSPISQ VSP NR	0-1	Fix	0	1		SDA9288 IC bypass use 1
		IC CXA2019	1					T
74	ISCO	CDec Sub Contrast	0-15	Fix	7	15		PiP sub contrast
75 76	ISHP	CDec Sharpness CDec Sub Color	0-15 0-15	Fix Fix	7	8		PiP sharpness PiP sub color
77	ISHU	CDec Sub Hue	0-15	Fix	7	6		PiP sub hue
78	ITOT	CDec TOT on	0,1	Fix	0	1		PiP TOT 0:Off, 1:On
79	IAFC	CDec AFC	0-3	Fix	2	2		0:Max, 2:Min, 3:Freerun
80	ICD2	CDec Countdown Mode2	0,1	Fix	0	0		0:Standard, 1:Fast
81	IYDR	CDec Y drive	0-31	Fix	15 7	7		PiP Y-drive gain
82 83	IVPE	CDec V pedestal CDec U pedestal	0-15 0-15	Fix Fix	7	6		PiP V-ped DC PiP U-ped DC
84	IRVP	CDec RV pedestal	0-15	Fix	7	6		PiP V-ped DC (re-input)
85	IRUP	CDec RU pedestal	0-15	Fix	7	6		PiP U-ped DC (re-input)
86	IDCT	CDec DC transfer	0-7	Fix	2	0		PiP DC transfer 0:Max, 7:Min
87	IRYD	CDec RY drive	0-31	Fix	15	20		PiP RY Drive (re-input)
88 89	IABO	CDec ABL off CDec Pre/Over shoot	0,1	Fix Fix	3	1 3		PiP ABL (RY-OUT) 0:On, 1:Off PiP Pre/over shoot 0: 1:1, 1: 4:1
90	IRUD	CDec RU Drive	0-31	Fix	15	20		PiP RU-gain out 0:-6dB, 31:+3.3b
91	IABL	CDec ABL	0,1	Fix	1	1		PiP ABL gain 0:Std, 1:Min
92	IABC	CDec ABL Cent	0-3	Fix	1	1		PiP ABL Center 0:Min, 1:Max
93	IRVD	CDec RV drive	0-31	Fix	15	17		PiP RY Drive (re-input)
94	IDLY	CDec Delay	0-3	Fix	0	0		PiP Y-delay 0:0ns, 1:60ns, 2:120r 3:180ns PiP SCP riseup phase 0:+0.4us,
95	ISCR	CDec SCP BGR	0-3	Fix	0	0		1:cent, 2:-0.8us
96	ISCF	CDec SCP BGF	0-3	Fix	0	0		PiP SCP falldown phase 0:+0.4us 1:cent, 2:-0.8us
		PI + CD + PiP + Vchip		ı				_
97	PFRN	VCXO Oscillation	0,1	Fix	0	0		0: Lock 1: Free RunFREE_RUN
98 99	PRVS	HD/VD Input Synchronous Mode Selection Sub-Contrast	0,1 0-127	Fix Fix	0 32	0 40		0: Sync 1: Async RVS
100	PUCO	Sub U Level Control	0-127	Fix	7	7		0: Min 127: MaxCONTRAST 0: Min 15: Maxcalculated
101	PVCO	Sub V Level Control	0-15	Fix	7	7		0: Min 15: Maxcalculated
102	PHUE	Hue	0-31	Fix	15	11		0: Red 31: Greencalculated
103	PKIL	Color Killer	0,1	Fix	0	0		0: Enable 1: DisableKILLER
_			1	I	_	2		0: Digital 1:23pin in 2:ext 18p 3:in
104	PSEP	C-Sync Sep Input Selection	0-3	Fix	2			
104 105		C-Sync Sep Input Selection Digital Sync Sep Threshold Setting		Fix	0	0		analogEXT SC SEL Threshold SettingDCOUNT
	PSEP	,	0-3 0-3 0-3			0 2		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1"
105	PSEP PDCO	Digital Sync Sep Threshold Setting	0-3	Fix	0			Threshold SettingDCOUNT
105 106	PSEP PDCO PEXP	Digital Sync Sep Threshold Setting Ext Port Setting	0-3	Fix Fix	2	2		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP
105 106 107	PSEP PDCO PEXP PBGS	Digital Sync Sep Threshold Setting Ext Port Setting BGP Position Setting	0-3 0-3 0-63	Fix Fix Fix	0 2 14	2 14		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP PositionBG_START
105 106 107 108	PSEP PDCO PEXP PBGS PYDL	Digital Sync Sep Threshold Setting Ext Port Setting BGP Position Setting Y/C Delay Adjust	0-3 0-3 0-63 0-15	Fix Fix Fix	0 2 14	2 14 7		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP PositionBG_START Sub Picture YIC DelayYDL Sub Picture Y Bright ControlY_OFFSET V Pedestal Level (2's
105 106 107 108 109	PSEP PDCO PEXP PBGS PYDL PBRT	Digital Sync Sep Threshold Setting Ext Port Setting BGP Position Setting Y/C Delay Adjust Y Brightness	0-3 0-3 0-63 0-15 0-31	Fix Fix Fix Fix Fix	0 2 14 7 25	2 14 7 25		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP PositionBG_START Sub Picture Y/C DelayYDL Sub Picture Y Bright ControlY_OFFSET V Pedestal Level (2's comp)PEDESTV U Pedestal Level (2's
105 106 107 108 109	PSEP PDCO PEXP PBGS PYDL PBRT PVPE	Digital Sync Sep Threshold Setting Ext Port Setting BGP Position Setting Y/C Delay Adjust Y Brightness V Pedestal Level	0-3 0-3 0-63 0-15 0-31	Fix Fix Fix Fix Fix Fix	0 2 14 7 25	2 14 7 25 0		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP PositionBG_START Sub Picture Y/C DelayYDL Sub Picture Y Bright ControlY_OFFSET V Pedestal Level (2's comp)PEDESTV
105 106 107 108 109 110 111 112 113	PSEP PDCO PEXP PBGS PYDL PBRT PVPE PUPE PACS PSDL	Digital Sync Sep Threshold Setting Ext Port Setting BGP Position Setting Y/C Delay Adjust Y Brightness V Pedestal Level U Pedestal Level 0Dh/0Eh Setting Mode Sync Delay	0-3 0-3 0-63 0-15 0-31 0-15 0-15 0-15	Fix	0 2 14 7 25 0 0	2 14 7 25 0 0 1		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP PositionBG_START Sub Picture Y/C DelayYDL Sub Picture Y Bright ControlY_OFFSET V Pedestal Level (2's comp)PEDESTV U Pedestal Level (2's
105 106 107 108 109 110 111 112 113 114	PSEP PDCO PEXP PBGS PYDL PBRT PVPE PACS PSDL PMVP	Digital Sync Sep Threshold Setting Ext Port Setting BGP Position Setting Y/C Delay Adjust Y Brightness V Pedestal Level U Pedestal Level UDh/0Eh Setting Mode Sync Delay Macrovision Mode Selection	0-3 0-63 0-15 0-15 0-15 0-15 0,1 0-3 0-3	Fix	0 2 14 7 25 0 0	2 14 7 25 0 0		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP PositionBG_START Sub Picture Y/C DelayYDL Sub Picture Y Bright ControlY_OFFSET V Pedestal Level (2's comp)PEDESTV U Pedestal Level (2's
105 106 107 108 109 110 111 112 113	PSEP PDCO PEXP PBGS PYDL PBRT PVPE PUPE PACS PSDL	Digital Sync Sep Threshold Setting Ext Port Setting BGP Position Setting Y/C Delay Adjust Y Brightness V Pedestal Level U Pedestal Level 0Dh/0Eh Setting Mode Sync Delay	0-3 0-3 0-63 0-15 0-31 0-15 0-15 0-15	Fix	0 2 14 7 25 0 0	2 14 7 25 0 0 1		Threshold SettingDCOUNT 0/1: Sub BGP 2: "0" out 3: "1" outEXPORT Sub Picture BGP PositionBG_START Sub Picture Y/C DelayYDL Sub Picture Y Bright ControlY_OFFSET V Pedestal Level (2's comp)PEDESTV U Pedestal Level (2's

**AVERAGE DATA MODEL GROUPINGS:

32" A: KV-32S42	35" G: KV-35S42
C: KV-32S66	I: KV-35S66
D: KV-32V42	L: KV-35V42

Adjustment Items (cont.)

No.	Register	Description	Data	Adj/Fix	Initial	Average	e Data**		Comments
	Name	•	Range	_	Data	32"	35"		
			_			A,C D	G I	L	
118	PACC	Color Decoder Amplitude	0-63	Fix	15	1	5		
119	PBUR	VCXO Mode Selection	0,1	Fix	0	()		
120	PEVE	Main Picture PAL-N	0,1	Fix	0	0			
121	PINW	Invert Sub Picture Field Definition	0,1	Fix	0	0			
122	PINR	Invert Main Picture Field Definition	0,1	Fix	0	()		
123	PREF	Main Picture Field Fix	0,1	Fix	0	()		
124	PARE	Auto 50/60 Hz Detection	0,1	Fix	1	1	1		
125	PAVE	Sub Picture Decode Mode	0,1	Fix	0	()		
126	PFRA	Freq Adj for Free Run Mode	0-15	Fix	0	()		
127	PPAL	Parameter Setting for PAL-M Judgement	0-255	Fix	0	()		
128	PHPO	Sub Picture H Position	0-31	Fix	6	1	5		
129	PVPO	Sub Picture V Position	0-31	Fix	22	2	2		
130	PHTI	Display Timing Adjustment	0-15	Fix	10	1	0		
131	PHAJ	Main/Sub Switch Delay Control	0-15	Fix	2	2	2		
132	PBGY	Background Y Level Setting	0-15	Fix	0	()		
133	PCRO	Sub Picture Read Mode	0,1	Fix	0	()		
134	PPAR	Threshold Control For Ident Judge of Subject	0-63	Fix	2	2			
135	PHPF	Y Output HPF	0.1	Fix	1	(
136	PVCH	15h, 16h, 17h Setting Mode	0,1	Fix	0	(
137	PVON	Sub V-Chip Decode Mode	0,1	Fix	1	-			1
138	PVLN	Sub V-Chip Slicer Line Select	0-31	Fix	17	17			
139	PVSB	Sub V-Chip Slicer Start Bit Detect Param	0-255	Fix	64	64			
140	PVLV	Sub V-Chip Data Slicer Level Param	0-255	Fix	130	130			
No.	Register	Description	Data	Adi/Fix	Initial	Average Data**		Comments	
	Name	2000	Range	7 (4)71 120	Data	32" 35"		1	
			- tunge					1	-
						A,C D	G I	L	
		CC CXP85840a-011s							
Н				ı				Т	
141	CRIL	CC CRI count low	0-15	Fix	2	2		7 Clock Run-In Lower Limit (field 1)	
142	CFLD	CC Caption Fixed Field Count	0-15	Fix	5		5		Fixed value only
143	CCDI	CC CCD int	0-7	Fix	3		3		Fixed value only
144	CRIP	CC CRI & polarity	0-7	Fix	4	4			Fixed value only
145	CRIT	CC CRI time constant	0-3	Fix	1				Fixed value only
146	CSB1	CC Sync Slice Bias 1	0-3	Fix	3	3	3		Fixed value only
147		CC Synce Slice Bias 2	0-7	Fix	4	2			Fixed value only
148	CREP	CC CRI signal end position	0-255	Fix	142	14			Fixed value only
149	CDSD	CC Data start delay	0-31	Fix	8				Fixed value only
150	CCDS	CC Caption data threshold	0-31	Fix	9	9			Fixed value only
151		CC P8 HMASK	0-63	Fix	42	4			Hmask
152	CHSY	CC P8 HSYC	0-255	Fix	136	13			Hsyc
153	DISP	TV OSD H Position	0-63	Adj	1	2			0:Off, 1:Left, 63: Right
154		Rotation Coil	0-63	Fix	32		2		Fixed value only
154	11100		0-03	I IA	02]			I ixed value only
		ID MAP							
155	ID-0	ID-0 (Language/Color Systems)	0-255	Fix by model	89				See ID map
156	ID-1	ID-1 (Input/Output Conifguration)	0-255	Fix by model	55				See ID map
157	ID-2	ID-2 (Audio)	0-255	Fix by model	175				See ID map
			0.055	Fix by model	0	Ref	er to		See ID map
158	ID-3	ID-3 (OSD/Timer/V-chip/Ch Fix)	0-255	rix by illouer					
-	ID-3 ID-4				155	Feature	ID Man		See ID map
159	ID-4	ID-4 (CC/Spot Killer/etc)	0-255	Fix by model	155 141	Feature	ID Map		See ID map
159 160	ID-4 ID-5	ID-4 (CC/Spot Killer/etc) ID-5 (V-series Features/etc)	0-255 0-255	Fix by model Fix by model	141	Feature	e ID Map		See ID map
159	ID-4	ID-4 (CC/Spot Killer/etc)	0-255	Fix by model		Feature	e ID Map		

**AVERAGE DATA MODEL GROUPINGS:

32" A: KV-32S42	35" G: KV-35S42
C: KV-32S66	I: KV-35S66
D: KV-32V42	L: KV-35V42

SERVICE IDO 25

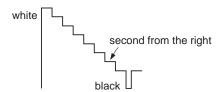
Note: Items 1-162 show adjustment order

5-5. Feature ID Map

	Destination	ID-0	ID-1	ID-2	ID-3	ID-4	ID-5	ID-6	ID-7
KV-32S42	(US)	25	17	31	106	11	129	0	0
KV-32S42	(CND)	89	17	31	58	11	129	0	0
KV-32S66	(US)	25	21	31	106	11	133	6	0
KV-32S66	(CND)	89	21	31	58	11	133	6	0
KV-32V42	(US)	25	23	175	106	11	129	0	0
KV-35S42	(US)	25	17	31	106	139	129	0	0
KV-35S42	(CND)	89	17	31	58	139	129	0	0
KV-35S66	(US)	25	21	31	106	139	133	6	0
KV-35S66	(CND)	89	21	31	58	139	133	6	0
KV-35V42	(US)	25	23	175	106	139	129	0	0

SUB BRIGHT ADJUSTMENT (SBRT)

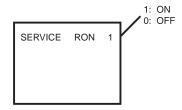
- 1. Set to Service adjustment Mode.
- 2. Input a gray scale pattern signal.
- 3. Set the PICTURE to minimum, and BRIGHT to normal.
- 4. Select SBRT with 1 and 4.
- 5. Adjust SUB BRIGHT level with 3 and 6 so that the stripe second from the right is faintly visible.
- 6. Write into the memory by pressing MUTING then ENTER **.



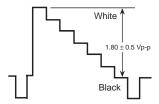
SUB CONTRAST ADJUSTMENT (SCON)

- 1. Input a color-bar signal.
- 2. Set to Service adjustment Mode.
- 3. Select the item DCOL to "0" level.
- 4. Set the conditions as follows.

PICTURE	MAX
COLOR	MIN
BRIGHT	CENTER
R ON	ON (1)
G ON	OFF (0)
B ON	OFF (0)



- Connect an oscilloscope probe to C Board, CN1761 pin 1 (RED OUT).
- 6. Select SCON with $\boxed{1}$ and $\boxed{4}$.
- 7. Adjust with $\boxed{3}$ and $\boxed{6}$ for: 1.80 ± 0.05 Vp-p.



- 8. Reset the item DCOL to "1" level.
- 9. Write the memory by pressing MUTING then ENTER**.

10. Return the following back to normal after adjustment.

PICTURE	MAX
COLOR	MIN
BRIGHT	CENTER
R ON	ON (1)
G ON	ON (1)
B ON	ON (1)

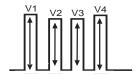
DISPLAY POSITION ADJUSTMENT (DISP)

- 1. Input a color-bar signal.
- 2. Set to Service adjustment Mode.
- 3. Select DISP with $\boxed{1}$ and $\boxed{4}$.
- 4. Adjust with 3 and 6 for adjustment of characters to center.
- 5. Write the memory by pressing MUTING then ENTER**.



SUB HUE, SUB COLOR ADJUSTMENT (SHUE, SCOL)

- 1. Input a color-bar signal.
- 2. Set to Service adjustment Mode.
- 3. Connect oscilloscope probe to C Board, CN1761 Pin3 (BLUE OUT).
- 4. Select SHUE and SCOL with 1 and 4.
- 5. Adjust with $\boxed{3}$ and $\boxed{6}$ for the V1 = V4 \pm 0.1Vp-p (SCOL) and V2 = V3 \pm 0.1Vp-p (SHUE).



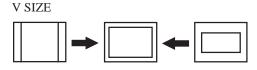
6. Change data according to the following table:

	SCOL	SHUE
32"	+2 steps	-1 steps
35"	+2 steps	-1 steps

7. Write into the memory by pressing MUTING then ENTER **.

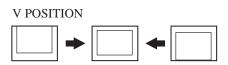
V. SIZE ADJUSTMENT (VSIZ)

- 1. Input a cross-hatch signal.
- 2. Set to Service Adjustment mode.
- 3. Select VSIZ with 1 and 4.
- 4. Adjust with 3 and 6 for the best vertical size.



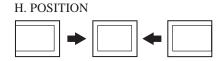
V. POSITION ADJUSTMENT (VPOS)

- 1. Input a cross-hatch signal.
- 2. Set to Service Adjustment Mode.
- 3. Select VPOS with 1 and 4.
- 4. Adjust with 3 and 6 for the best vertical center.
- 5. Write into the memory by pressing MUTING then ENTER**.



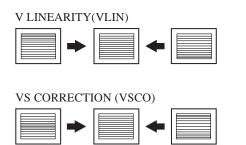
H. POSITION ADJUSTMENT (HPOS)

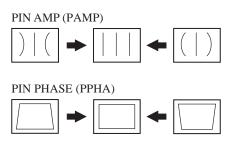
- 1. Input a cross-hatch signal.
- 2. Set the Service Adjustment Mode.
- 3. Select HPOS with 1 and 4.
- 4. Adjust with 3 and 6 for the best horizontal center.
- 5. Write into the memory by pressing MUTING then ENTER**.



V LINEARITY (VLIN), V CORRECTION (VSCO), PIN AMP (PAMP) AND PIN PHASE (PPHA) ADJUSTMENTS

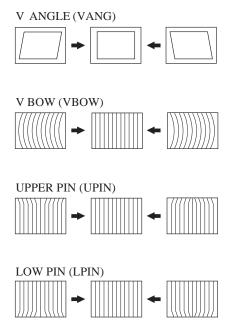
- 1. Input a cross-hatch signal.
- 2. Set to Service Adjustment Mode.
- 3. Select VLIN, VSCO, PAMP, and PPHA with 1 and 4.
- 4. Adjust with 3 and 6 for the best picture.
- 5. Write the memory by Pressing MUTING then ENTER**.





V ANGLE (VANG), V BOW (VBOW), UPPER PIN (UPIN) AND LOW PIN (LPIN) ADJUSTMENTS

- 1. Input a cross hatch signal.
- 2. Set to Service adjustment Mode.
- 3. Select VVANG, VBOW, UPIN, and LPIN with 1 and 4.
- 4. Adjust with 3 and 6 for the best picture.
- 5. Write the memory by Pressing $\boxed{\text{MUTING}}$ then $\boxed{\text{ENTER}}**$.



P BOARD ADJUSTMENTS

PIP V. POSITION (PIPV), PIP H. POSITION (PIPH)

- 1. Input a color bar signal.
- 2. Set to service adjustment mode.
- 3. Select PHOP with 1 and 4.
- 4. Adjust with 3 and 6 for the best balanced position at four corner P in P display position.
- 5. Adjust P in P put at lower right position.
- 6. Write the memory by Pressing MUTING then ENTER**.

**WARNING: Do NOT turn off the power or AC immediately after pressing MUTING then ENTER. Wait at least 10 seconds.

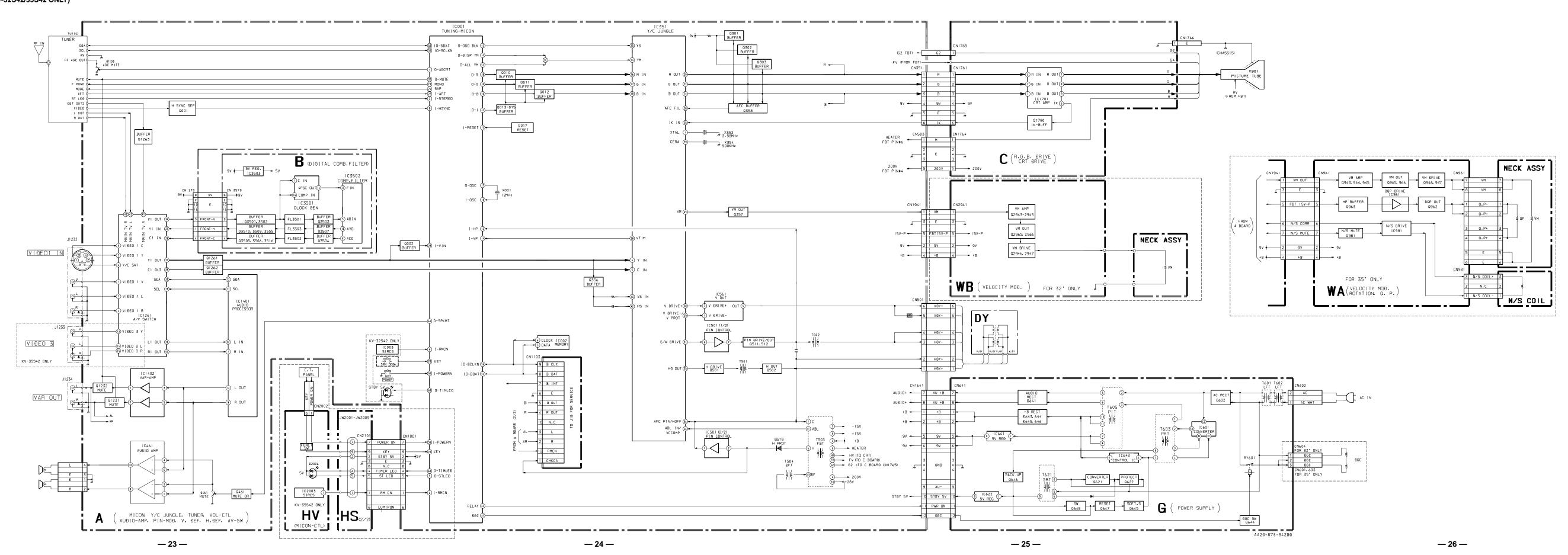
KV-32S42/32S66/32V42/35S42/35S66/35V42

NOTES:	

KV-32S42/32S66/32V42/35S42/35S66/35V42

SECTION 6
DIAGRAMS

6.1 BLOCK DIAGRAM (1/1) (KV-32S42/35S42 ONLY)



-29 -

7/8/99, 4:21 PM

-30 -

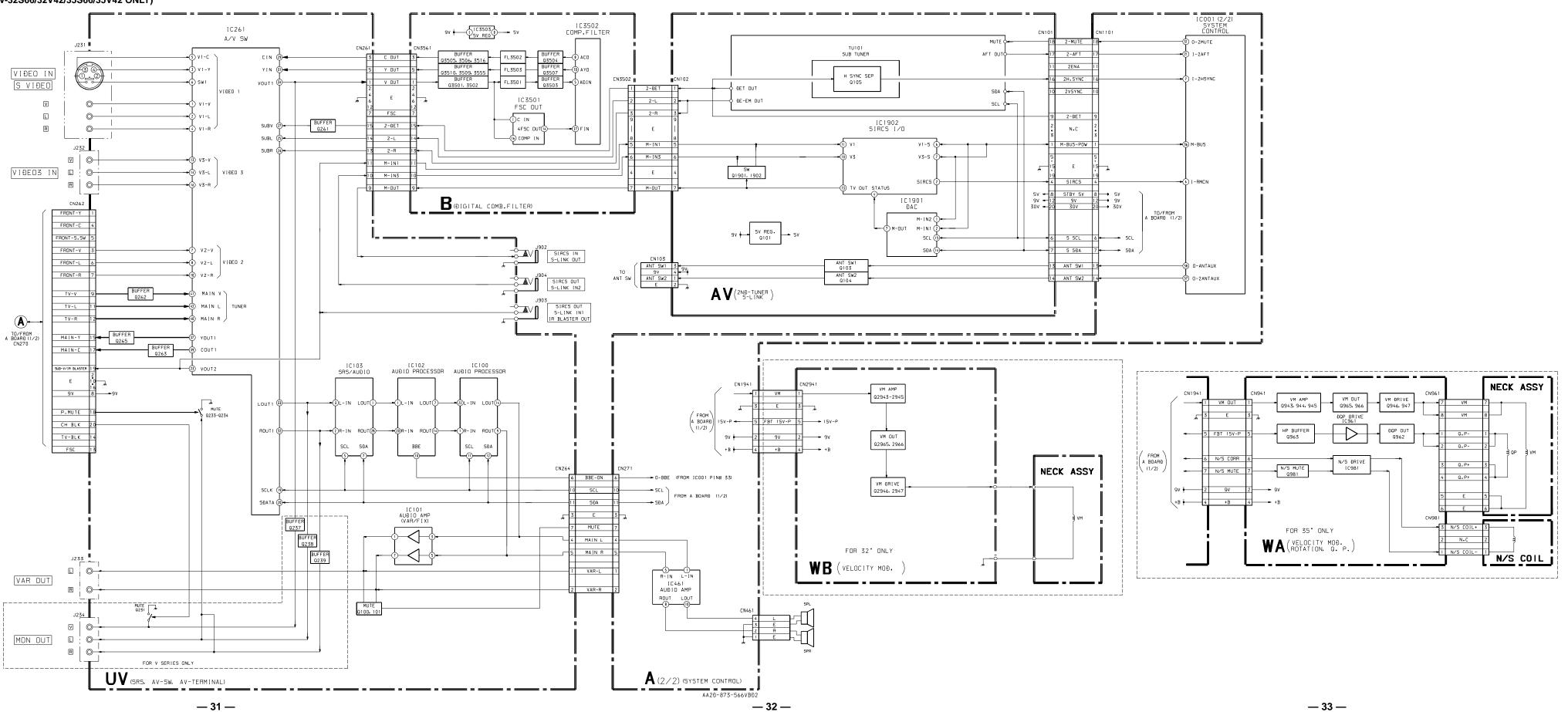
-28 -

— 27 —

KV-32S42/32S66/32V42/35S42/35S66/35V42

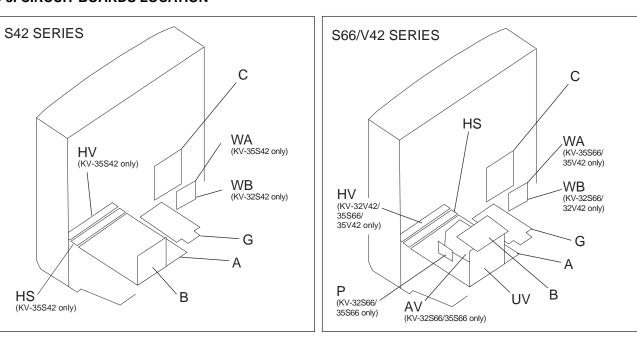
6.2.2 BLOCK DIAGRAM (2/2)

(KV-32S66/32V42/35S66/35V42 ONLY)



7/9/99, 4:16 PM

6-3. CIRCUIT BOARDS LOCATION



6-4. PRINTED WIRING BOARDS AND SCHEMATIC DIAGRAMS

- All capacitors are in μF unless otherwise noted. pF : $\mu \mu F$ 50WV or less are
- not indicated except for electrolytics and tantalums.
- All electrolytics are in 50V unless otherwise specified.
- All resistors are in ohms.
- $K\Omega=1000\Omega$, $M\Omega=1000k\Omega$
- Indication of resistance, which does not have one for rating electrical power, is as follows. Pitch : 5mm

Rating electrical power: 1/4W

- 1/4 W in resistance, 1/10 W and 1/8 W in chip resistance.
- inonflammable resistor.
 We is fusible resistor.
- \(\lambda\) : internal component.
- : panel designation and adjustment for repair.
- All variable and adjustable resistors have characteristic curve B, unless oth-
- The components identified by in this basic schematic diagram have been carefully factory-selected for each set in order to satisfy regulations regarding X-ray radiation.
- Should replacement be required, replace only with the value originally used. • When replacing components identified by , make the necessary adjustments indicated. If results do not meet the specified value, change the component identified by A and repeat the adjustment until the specified value is
- achieved. (Refer to R530 and R531 adjustment on Page 15.) • When replacing the part in below table, be sure to perform the related adjust-
- Readings are taken with a color-bar signal input.
- Readings are taken with a $10M\Omega$ digital multimeter.
- Voltages are DC with respect to ground unless otherwise noted.
- Voltage variations may be noted due to normal production tolerances. All voltages are in V.
- S: Measurement impossibillity.

Part replaced ()	Adjustment(►)
IC351,IC501,D519,D520,D521	R530,R531
C531,C532,R387,R529,R530,R531, R532,R533,R550,T503A BOARD	
R532,R533,R550,T503A BOARD	
IC643,R661G BOARD	

- • • V : B-line.

 (Actual measured value may be different).
- : signal path. (RF)
- Circled numbers are waveform references.

Reference information RESISTOR : RN METAL FILM

: RC SOLID

: FPRD NONFLAMMABLE CARBON : FUSE NONFLAMMABLE FUSIBLE : RW NONFLAMMABLE WIREWOUND

: RS NONFLAMMABLE METAL OXIDE : RB NONFLAMMABLE CEMENT

: * ADJUSTMENT RESISTOR

: LF-8L MICRO INDUCTOR CAPACITOR : TA TANTALUM

> : PS STYROL : PP POLYPROPYLENE

: PT MYLAR : MPS METALIZED POLYESTER

: MPP METALIZED POLYPROPYLENE : ALB BIPOLAR

: ALT HIGH TEMPERATURE : ALR HIGH RIPPLE

The symbol display is on the component side. The components identified by shading and mark △ are critical for safety. Replace only with part number specified.

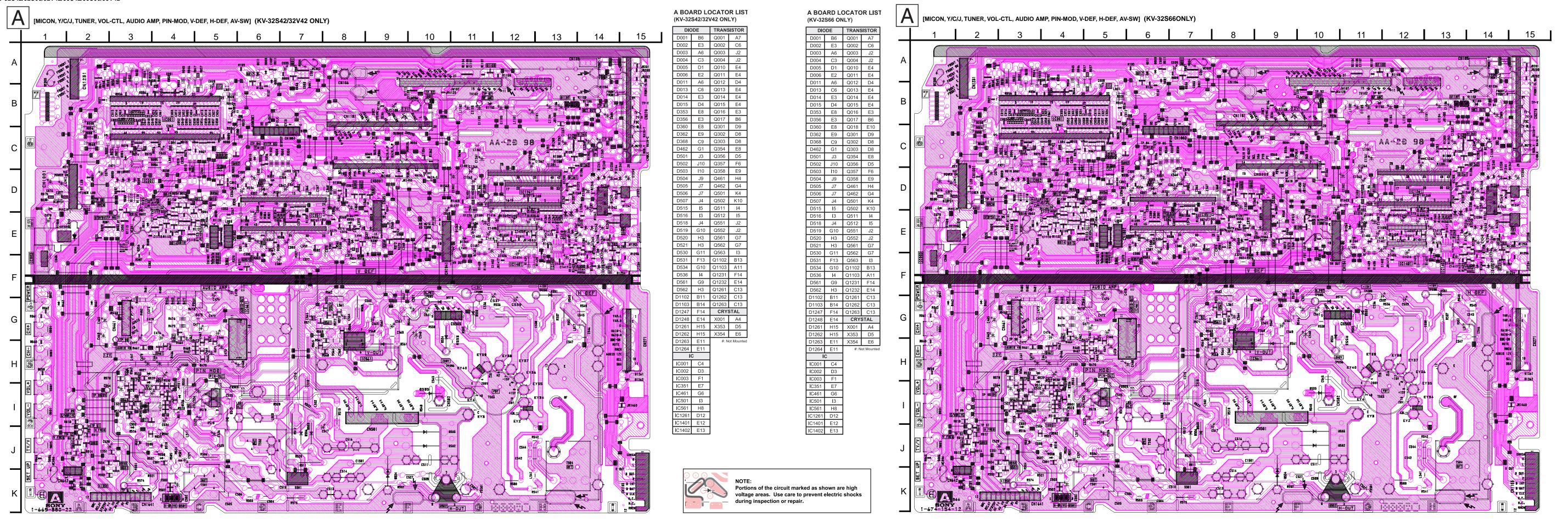
The symbol — indicate fast operating fuse. Replace only with fuse of same rating as marked.

Les composants identifiés per un tramé et une marque ∆ sont critiques pour la sécurité. Ne les remplacer que par une piéce portant le numéro spécifié. Le symbole indique une fusible a action rapide. Doit etre remplacee par une fusible de meme yaleur, comme maque.

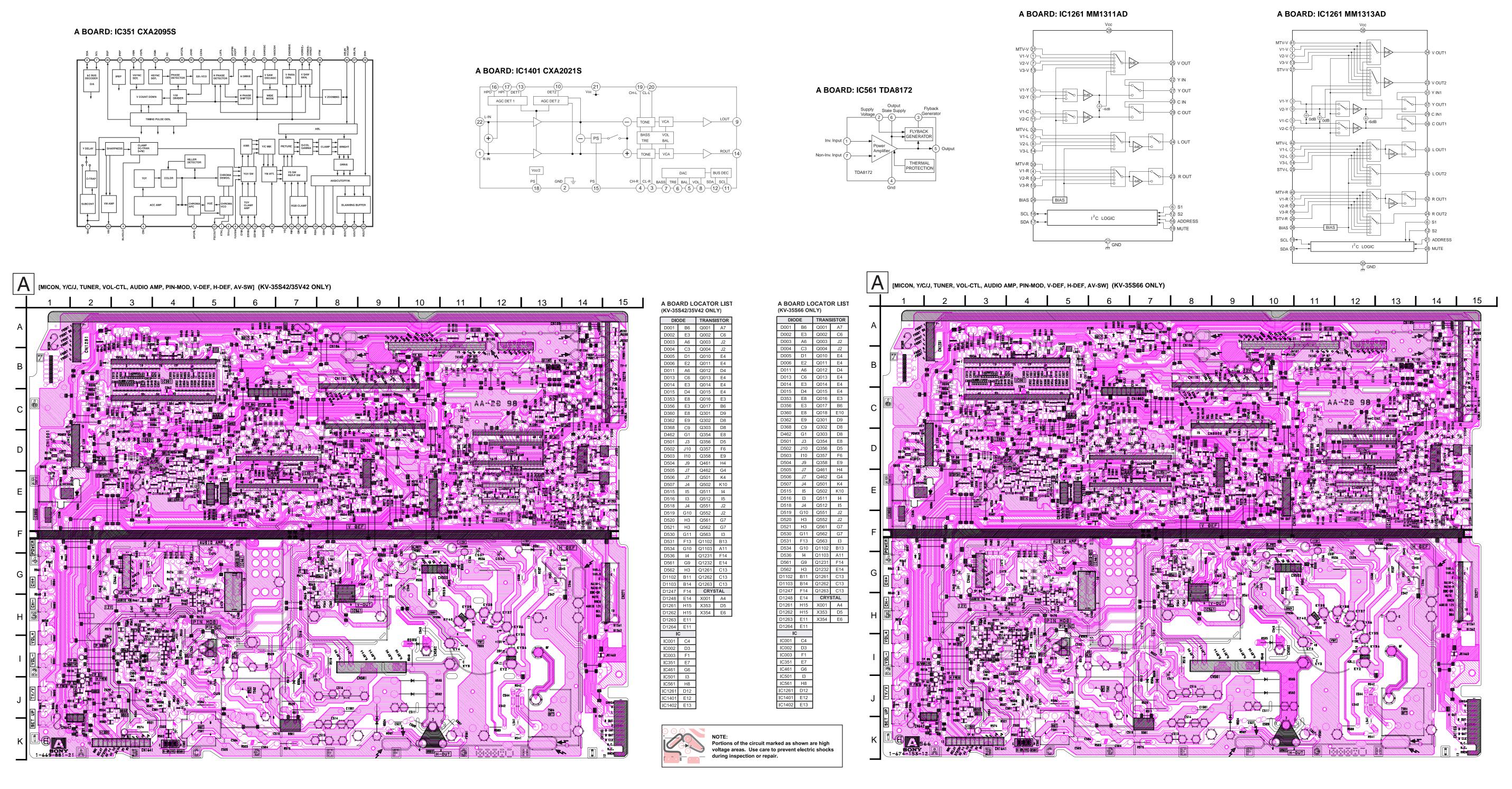
— 34 —

873 Block Diagrams.p65



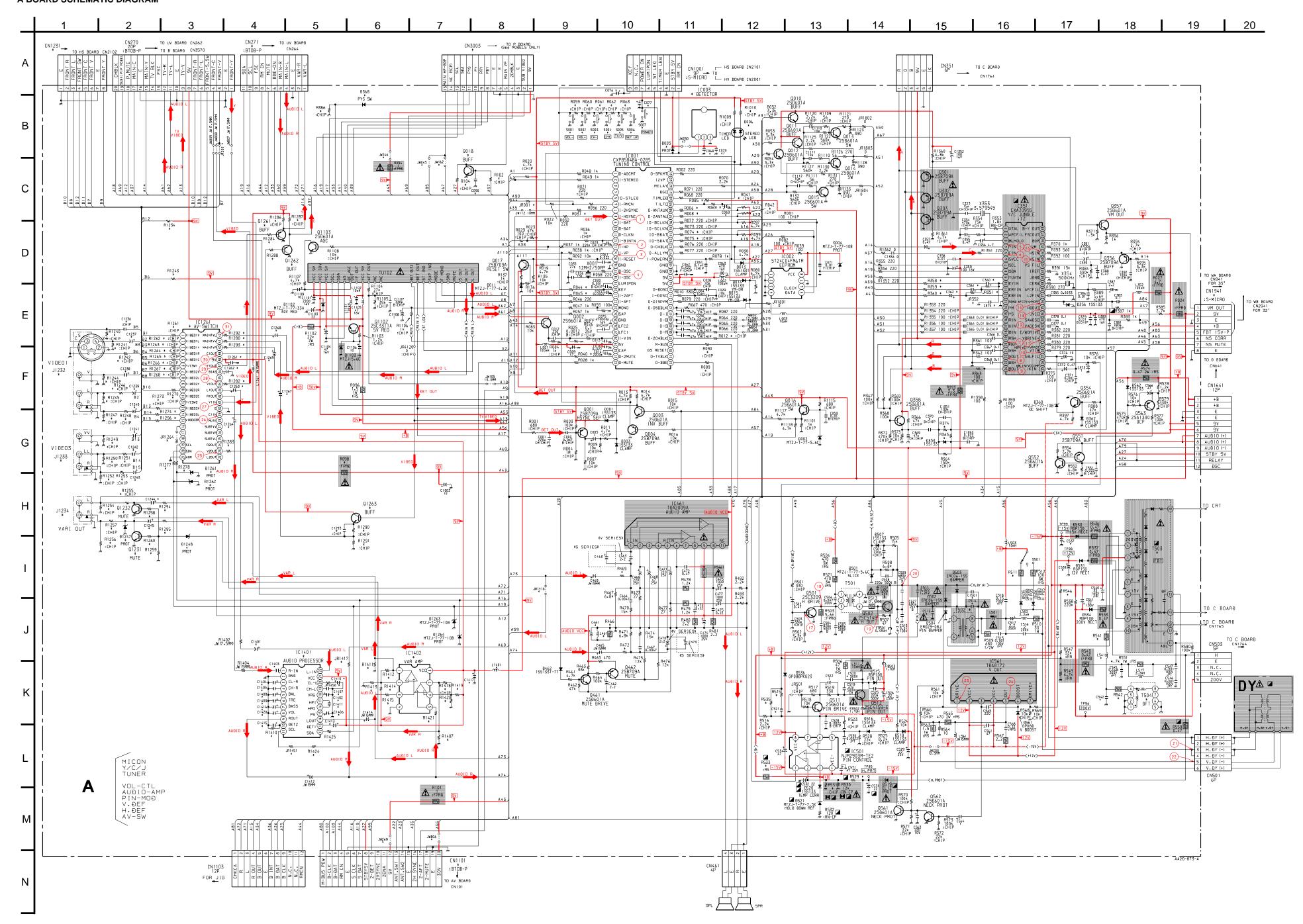


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A BOARD SCHEMATIC DIAGRAM

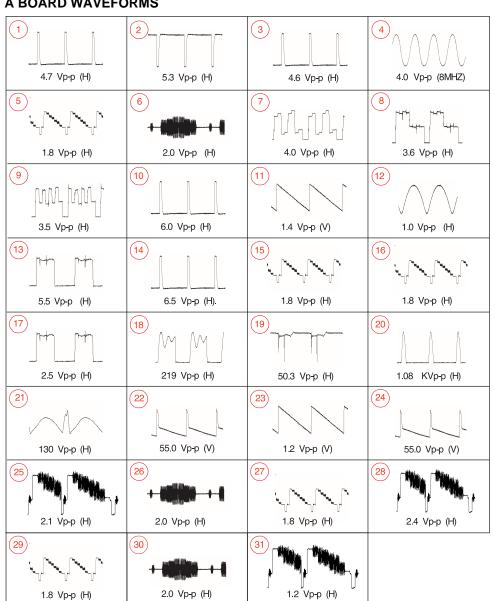


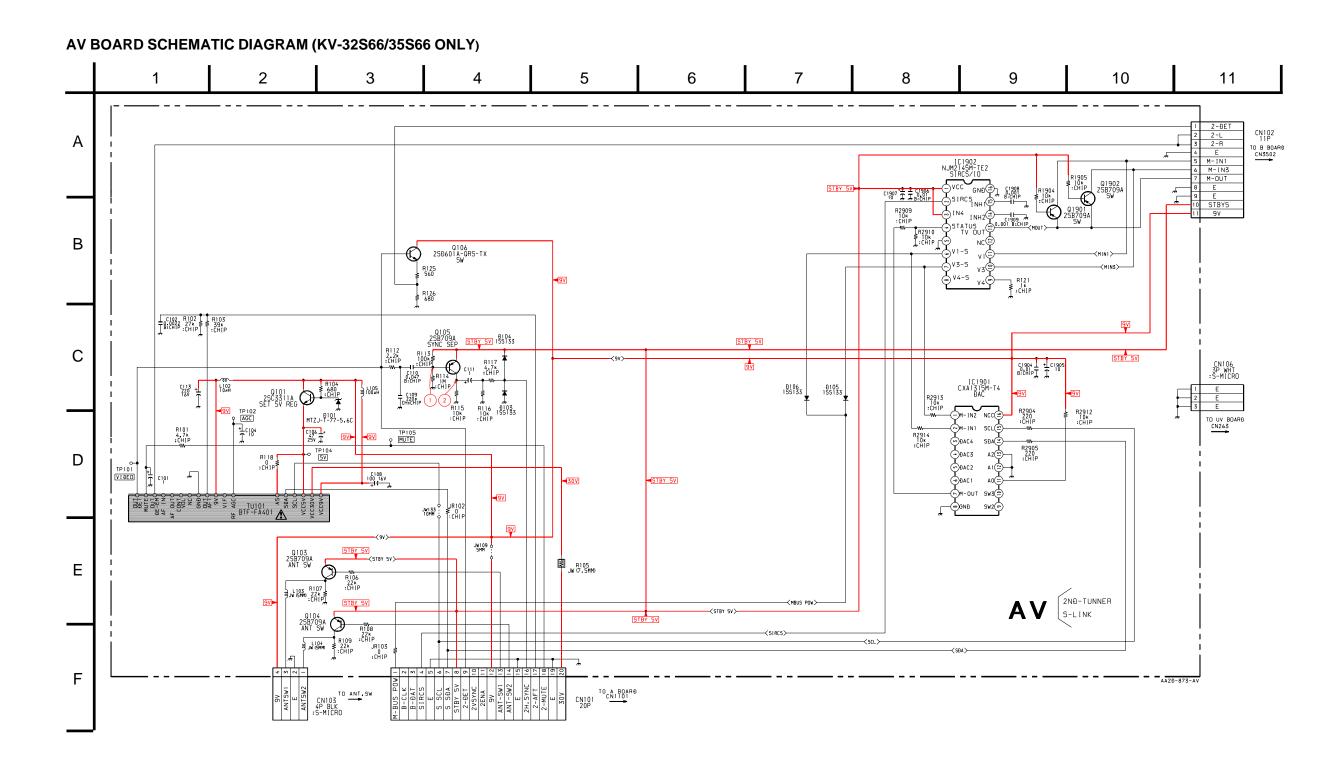
	AKL) MARK (*) LIST												
EF#	LOC	KV-32S42	KV-32S66	KV-32V42	KV-35S42	KV-35S66	KV-35V42	REF#	LOC	KV-32S42	KV-32S66	KV-32V42	KV-35S42	KV-35S66	KV-35V42
068	B11 C11	0.01µF #	#	#	# 10µF	# 10µF	# 10µF	R069 R074	C11	# 220	# 100	# 220	10K 220	10K 100	10K 220
076	A9	#	#	#	#	#	1μF	R075	D11	220	100	220	220	100	220
077	A10	#	#	#	#	#	1µF	R085	C11	#	#	#	10K	10K	10K
090 360	C7 D15	#	0.0047µF 0.1µF	#	#	0.0047µF 0.1µF	#	R089 R090	F11	#	# 220	220 #	#	# 220	220 #
361	D15	#	0.1μF	#	#	0.1μF	#	R098	G5	2.2	#	2.2	2.2	#	2.2
362	D15	#	0.1µF	#	#	0.1µF	#	R102	C8	#	#	#	#	47K	#
370 375	F15 E15	0.022μF 0.1μF	0.022μF 0.1μF	0.022μF 0.1μF	0.047μF 0.1μF	0.047µF #	0.047μF #	R104 R358	C7 D15	#	# 220	#	#	4.7K 220	#
461	J9	100µF	100µF	10µF	100µF	100µF	100µF	R359	D15	#	220	#	#	220	#
513	J14	0.056µF	0.056µF	0.056µF	0.033µF	0.033µF	0.033µF	R360	D15	#	220	#	#	220	#
514 520	J15 K13	0.62µF 1000PF	0.62µF 1000PF	0.62μF 1000PF	0.82µF 0.0022µF	0.82µF 0.0022µF	0.82µF 0.0022µF	R365 R374	G15 G15	150K 1.5M	150K 1.5M	150K 1.5M	100K 1M	100K 1M	100K 1M
521	K12	0.0022µF	0.0022µF	0.0022µF	0.0033µF	0.0033µF	0.0033µF	R386	B5	#	1K	#	#	1K	#
537	I17	470µF	470µF	470µF	1000µF	1000µF	1000µF	R466	J9	3.9 6.8K	3.9 1.8K	2.2 1.8K	3.9 4.7K	3.9 1.8K	3.9
539 542	I17 K17	470µF #	470μF #	470µF #	1000μF 0.047μF	1000μF 0.047μF	1000μF 0.047μF	R469 R472	J10	6.8K	1.8K	1.8K	4.7K 4.7K	1.8K	1.8K 4.7K
236	E2	0.01µF	#	#	0.01µF	#	#	R511	I16	68	68	68	100	100	100
237 238	E2 F2	0.047µF 0.047µF	#	#	0.047µF 0.047µF	#	#	R515 R523	K12 K13	27K 10K	27K 10K	27K 10K	15K 8.2K	15K 8.2K	15K 8.2K
239	F2	0.047μ1 1μF	#	#	1μF	#	#	R529	L13	22K	22K	22K	18K	18K	18K
240	F2	1μF	#	#	1μF	#	#	R531	L13	68K	68K	68K	220K	220K	220K
241 242	G2 G2	#	#	#	0.047µF 1µF	#	#	R533 R535	L12 K12	47K 150K	47K 150K	47K 150K	33K 180K	33K 180K	33K 180K
243	H2	#	#	#	1μF	#	#	R541	J17	#	#	#	0.47	0.47	0.47
244	H2	0.47µF	#	#	0.47μF	#	#	R542	K17	#	#	#	22	22	22
245 261	H2 F4	0.47μF 47μF	#	#	0.47μF 47μF	#	#	R546 R1009	I17 B11	22K 220	22K #	22K #	18K #	18K #	18K #
262	F4	47μF 47μF	#	#	47μF 47μF	#	#	R1009	B12	220	#	#	#	#	#
263	F4	1µF	#	#	1μF	#	#	R1234	D3	100K	#	#	100K	#	#
264 267	G3 F5	1μF 0.047μF	#	#	1μF 0.047μF	#	#	R1240 R1241	E2	75 75	#	#	75 75	#	#
267 268	E4	0.047μF 1μF	#	#	0.047μF 1μF	#	#	R1241	F2	4.7K	#	#	4.7K	#	#
269	F4	1µF	#	#	1μF	#	#	R1243	D3	100K	#	#	100K	#	#
293 401	H5 J4	100PF 0.47µF	#	#	100PF 0.47µF	#	#	R1244 R1245	F2 F2	75 470K	#	#	75 470K	#	#
402	K5	0.47μF 47μF	#	#	47μF	#	#	R1245	F2	4.7K	#	#	4.7K	#	#
403	J4	0.47µF	#	#	0.47µF	#	#	R1247	G2	470K	#	#	470K	#	#
404 405	K4 K4	0.1μF 0.0047μF	#	#	0.1μF 0.0047μF	#	#	R1248 R1249	G2 G2	4.7K #	#	#	4.7K 75	#	#
106	K5	0.1μF	#	#	0.1μF	#	#	R1250	G2	#	#	#	470K	#	#
407		0.0047µF	#	#	0.0047µF	#	#	R1251	G2	#	#	#	4.7K	#	#
408 409	K4K4 K4	4.7μF 4.7μF	#	#	4.7μF 4.7μF	#	#	R1252 R1253	H2 H2	#	#	#	470K 4.7K	#	#
110	K5	0.1μF	#	#	0.1µF	#	#	R1254	H2	470K	#	#	470K	#	#
411	K5	0.1µF	#	#	0.1µF	#	#	R1255	H2	1K	#	0	1K	#	0
413 415	K5 K4	4.7μF 10μF	#	#	4.7μF 10μF	#	#	R1256 R1257	I2 H2	470K 1K	#	#	470K 1K	#	#
416	K4	4.7μF	#	#	4.7µF	#	#	R1258	H2	3.3K	#	#	3.3K	#	#
417	K7	1000µF	#	#	1000µF	#	#	R1259	12	100K	#	#	100K	#	#
420 501	K4 I15	4.7μF 0.12μF	# 0.12µF	# 0.12µF	4.7μF #	#	#	R1260 R1261	I2 E3	3.3K 220	#	#	3.3K 220	#	#
1271	A4	#	11P	11P	#	11P	11P	R1262	E2	100	#	#	100	#	#
1101 1231	N7 A1	#	20P #	# 8P	#	20P #	# 8P	R1263 R1264	E2 F2	220 100	#	#	220 100	#	#
1941		5P	# 5P	5P	# 8P	# 8P	8P	R1265	F2	220	#	#	220	#	#
3003	A7	#	15P	#	#	15P	#	R1266	F2	100	#	#	100	#	#
005 006	B10 B12	1SS133T-77 1-810-039-31	#	#	#	#	#	R1267 R1268	F2 F2	100	#	#	100	#	#
368	A6	#	1SS133T-77	#	1SS133T-77	#	#	R1270	F3	100	#	#	100	#	#
247	12	RD10ESB2	#	#	RD10ESB2	#	RD10ESB2	R1273	F2	#	#	#	220	#	#
248 261	I3 G3	MTZJ-3.3 RD10ESB2	#	#	MTZJ-3.3 RD10ESB2	#	# RD10ESB2	R1274 R1277	G2 G3	# 220	#	#	100 220	#	#
262	Н3	RD10ESB2	#	#	RD10ESB2	#	RD10ESB2	R1278	G3	220	#	#	220	#	#
261	A11	SBX1981-51P	#	#	# MM1311AD	#	#	R1280	E4	100	#	#	100	#	#
261 401	E3 J5	MM1311AD CXA2021S	#	#	MM1311AD CXA2021S	#	#	R1282 R1283	F4 G3	100 #	#	#	100 22	#	#
402	J6	UPC4558G2	#	#	UPC4558G2	#	#	R1284	D4	100	#	#	100	#	#
232	F1 G1	0 #	#	#	0	#	#	R1286 R1287	C4 C5	1K 1K	#	#	1K 1K	#	#
234	H1	0	#	#	0	#	0	R1288	D4	100	#	#	100	#	#
001	C8	#	0	#	#	0	#	R1290	H6	470	#	#	470	#	#
00 51	B3 D15	# 0	#	0 #	0	#	0	R1291 R1292	I6 E4	680 4.7K	#	#	680 4.7K	#	#
352	E15	0	#	#	0	#	0	R1293	E4	4.7K	#	#	4.7K	#	#
264	G2	0	#	#	0	#	0	R1294	H3	1K	#	#	1K	#	#
417 450	J5 K5	# 0	0 #	0 #	0	0 #	0 #	R1295 R1296	H3 G2	1K #	#	#	1K 100	#	#
451	L5	0	#	#	0	#	#	R1407	L7	10K	#	#	10K	#	#
31 41	J9 J17	8.2µH #	8.2µH #	15µH #	8.2μH 10μH	8.2µH 10µH	15μH 10μH	R1410 R1411	L4 J6	1M 10K	#	#	1M 10K	#	#
41 101	J17 J8	# 1µH	#	# 1µH	10μH 1μH	10μH #	10μH 1μH	R1411	Л6 К6	22K	#	#	22K	#	#
18	B7	#	2SD601A-Q	#	#	2SD601A-Q	#	R1413	K6	47K	#	#	47K	#	#
231	I2 H2	2SD601A-Q 2SD601A-Q	#	#	2SD601A-Q 2SD601A-Q	#	2SC1623-L5L6 2SC1623-L5L6	R1414 R1415	K6 K6	47K 100	#	#	47K 100	#	#
261	C4	2SD601A-Q 2SA1162-G	#	#	2SD601A-Q 2SA1162-G	#	2SA1037AK-T146-R	R1415	K7	22K	#	#	22K	#	#
262	D4	2SA1162-G	#	#	2SA1162-G	#	2SA1037AK-T146-R	R1419	K7	47K	#	#	47K	#	#
263 06	H6 C11	2SD601A-Q #	# 220	#	2SD601A-Q #	# 220	2SC1623-L5L6 #	R1420 R1421	K7 K7	47K 100	#	#	47K 100	#	#
08	C11	#	220	#	#	220	#	R1421	L5	220	#	#	220	#	#
112	E11	#	220	#	#	220	#	R1425	C5	220	#	#	220	#	#
31 40	C9 F9	#	220 220	#	#	220 220	#	S001 S002	B9 B9	1-692-431-21 1-692-431-21	#	#	#	#	#
_	C12	#	4.7K	#	#	4.7K	#	S002	B9	1-692-431-21	#	#	#	#	#
41	C12	#	4.7K	#	#	4.7K	#	S004	B9	1-692-431-21	#	#	#	#	#
42		220	220 220	220 #	220 #	220 220	1K #	S005 S006	B10 B10	1-692-431-21 1-692-431-21	#	#	#	#	#
42 44	E9	#			, r										-
42	E9 E9	# 820	#	#	#	#	#	S007	B10	1-692-431-21	#	#	#	#	#
42 44 45	E9			# # #	# # #	# #	# #	T502 T503	J15 I18	1-692-431-21 1-424-545-11 8-598-969-00	# 1-424-545-11 8-598-969-00	# 1-424-545-11 8-598-969-00	# 1-429-408-11 8-598-809-00	# 1-429-408-11 8-598-809-00	# 1-429-408-1 8-598-809-0

A Board -**— 43 — — 44 — — 45 — — 46 —**

873 35 inch A pwbs & A Schematic.p65 2

A BOARD WAVEFORMS





[SECOND TUNER, S-LINK] (KV-32S66/35S66 ONLY) **AV BOARD IC AV BOARD VOLTAGE LIST** 5 6 7 **LOCATION LIST** AV BOARD WAVEFORMS 13 0 14 0.5 15 0.5 16 GND IC1901 pin volt 1 0 1.6 Vp-p (H) 4.6 Vp-p (H) **AV BOARD TRANSISTOR VOLTAGE LIST** B C E Q101 4.6 8.6 4.0 Q103 4.2 4.7 4.9 Q104 5.0 0 4.9 Q105 5.1 0.8 4.9 Q862 0.7 0.05 0 Q864 2.9 4.9 2.4 Q1901 4.9 0 0 Q1902 -0.1 0 0 Q1904 5.2 0.8 4.9

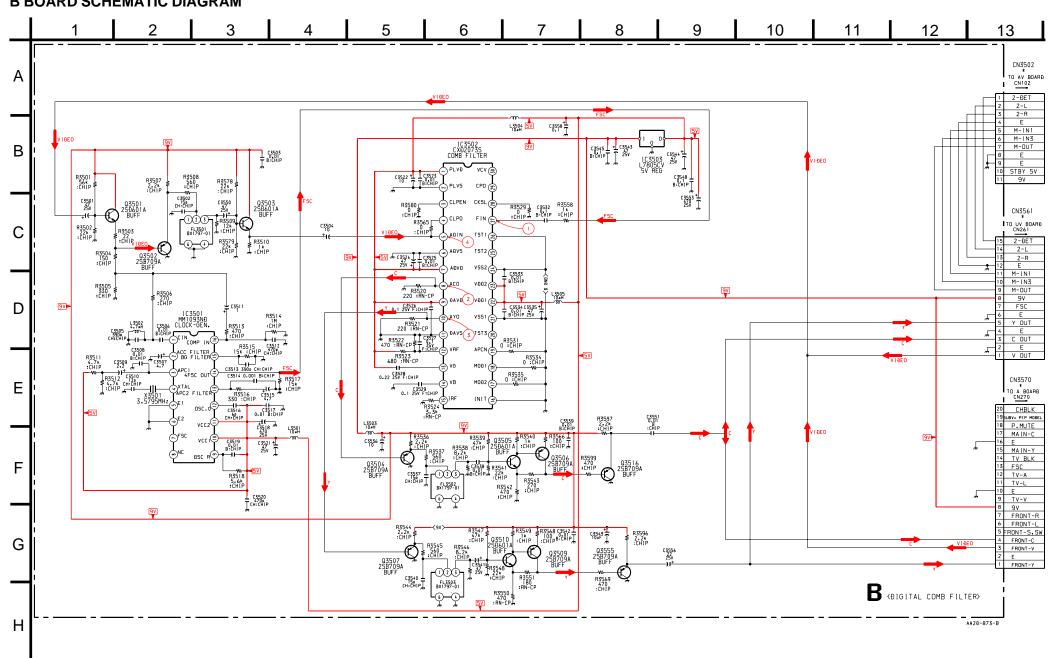
A BOARD TRANSISTOR VOLTAGE LIST

	В	С	Е		В	С	Е		В	С	Е		В	С	Е
Q001	4.9	0.7	4.8	Q015	0	0	GND	Q358	1.6	8.7	1.7	Q561	0	2.9	GNE
Q002	4.2	8.7	4.8	Q017	5.7	8.8	5.0	Q461	0	22.6	0	Q562	-0.3	0	GNE
Q003	-0.4	3.8	GND	Q301	4.1	4.7	4.8	Q462	22.6	0.7	22.7	Q563	135	0	135.
Q004	0.6	GND	3.8	Q301	3.6	GND	1.6	Q501	-0.7	109	GND	Q1102	5.6	8.6	30
Q010	0	8.7	0	Q302	3.6	GND	1.7	Q502	-0.2	132.6	GND	Q1103	0	6.9	GNE
Q011	0	8.7	0	Q303	3.6	GND	1.8	Q511	-15.9	-12.3	-16.1			All volta	ges are i
Q012	0	8.7	0	Q354	0.4	GND	0.2	Q512	-16.4	-30.7	-16.1				
Q013	-0.04	0	GND	Q356	4.8	GND	5.4	Q551	2.8	0	2.8				
Q014	-0.06	0	GND	Q357	3.6	8.7	2.9	Q552	0	2.8	GND				

A BOARD IC VOLTAGE LIST

<u>I</u> C	001	32	0	IC:	351	32	4.2	IC:	501
pin	volt	33	0	pin	volt	33	4.6	pin	volt
1	0	34	0	1	2.0	34	8.8	1	3.3
2	4.7	35	NC	2	5.3	35	3.1	2	7.6
3	NC	36	0.2	3	4.0	36	3.3	3	8.2
4	NC	37	0	4	0	37	3.9	4	-16.0
5	4.7	38	0	5	4.0	38	4.1	5	2.1
6	4	39	0	6	8.7	39	2.3	6	2.9
7	0.05	40	0	7	0	40	0	7	-15.8
8	0.04	41	0	8	4.7	41	2.6	8	11.8
9	NC	42	0	9	0.2	42	2.7	IC:	561
10	NC	43	0	10	6.3	43	3.9	pin	volt
11	NC	44	2.6	11	6.0	44	3.3	1	1.4
12	4.7	45	2.7	12	5.9	45	5.9	2	11.8
13	3.8	46	4.7	13	GND	46	0.4	3	-13.9
14	1.1	47	4.7	14	0	47	5.8	4	-16.0
15	4.7	48	GND	15	0	48	NC	5	0.05
16	GND	49	GND	16	5.0	IC.	461	6	12.8
17	2.2	50	4.7	17	0	pin	volt	7	1.5
18	2.2	51	0	18	5.0	1	1.3	IC	003
19	0	52	0	19	4.0	2	0.7	pin	volt
20	4.7	53	4.7	20	2.1	3	12.4	1	4.9
21	2.9	54	4.7	21	4.4	4	0.7	2	4.9
22	2.6	55	4.7	22	1.9	5	1.3	3	GNE
23	0	56	4.7	23	4.8	6	0	All volta	ges are i
24	0	57	4.7	24	1.8	7	NC		
25	GND	58	0.06	25	3.4	8	11.3		
26	1.5	59	3	26	2.5	9	22.7		
27	2.4	60	3.4	27	8.6	10	11.3		
28	2.3	61	0	28	0.6	11	NC		
29	4.7	62	4.4	29	2.9		_	-	
30	0.8	63	NC	30	2.9				
31	0	64	4.5	31	3.7				

B BOARD SCHEMATIC DIAGRAM



B BOARD TRANSISTOR VOLTAGE LIST

		В	С	Е
	Q3501	2.1	8.7	1.4
	Q3502	1.4	GND	2.0
	Q3503	4.2	8.8	3.5
	Q3504	1.1	GND	1.7
	Q3505	2.7	7.8	2.1
	Q3506	7.8	3.0	8.4
	Q3507	1.0	GND	1.7
	Q3509	7.8	2.9	8.4
	Q3510	2.7	7.8	2.1
	Q3516	3.0	GND	3.7
	Q555	2.7	GND	3.4
_			All voltaç	ges are in V

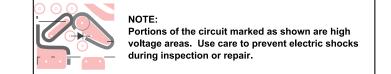
B BOARD IC VOLTAGE LIST IC3501 IC3502 18 0

pin	volt	pin	volt	19	0
1	3.5	1	5.0	20	NC
2	0	2	GND	21	GND
3	0	3	0	22	5.0
4	0	4	1.5	23	5.0
5	GND	5	1.5	24	GND
6	GND	6	0	25	NC
7	NC	7	5.0	26	GND
8	NC	8	1.1	27	2.3
9	0	9	5.0	28	5.0
10	5.0	10	1.1	29	2.2
11	5.0	11	0	30	2.2
12	3.3	12	2.0	IC3	503
13	2.4	13	2.7	pin	volt
14	3.0	14	0.9	1	NC
15	0.7	15	2.0	2	8.8
16	0	16	GND	3	0
		17	0	4	GND
				-	ONID

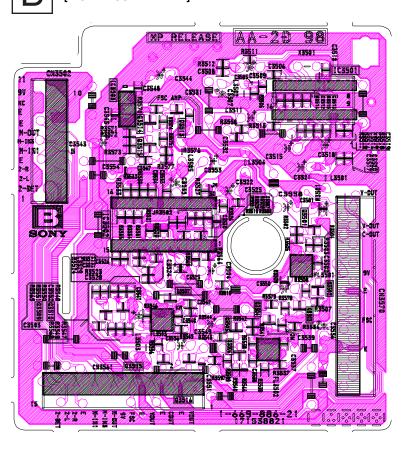
B BOARD WAVEFO	ORMS		
	2	13 .	4
2.0 Vp-p (H)	1.3 Vp-p (H)	1.7 Vp-p (H)	2.3 Vp-p (H)

B BOARD MARK (*) LIST

REF. NO.	LOC	KV-32V42/35V42	KV-32S66/35S66	KV-32S42/35V42
CN3502	B13	1-573-978-21	#	#
CN3561	D13	1-691-616-21	1-691-616-21	#
CN3570	F13	#	#	1-573-301-21
0110070	1 13	π	π	#: NOT MOU

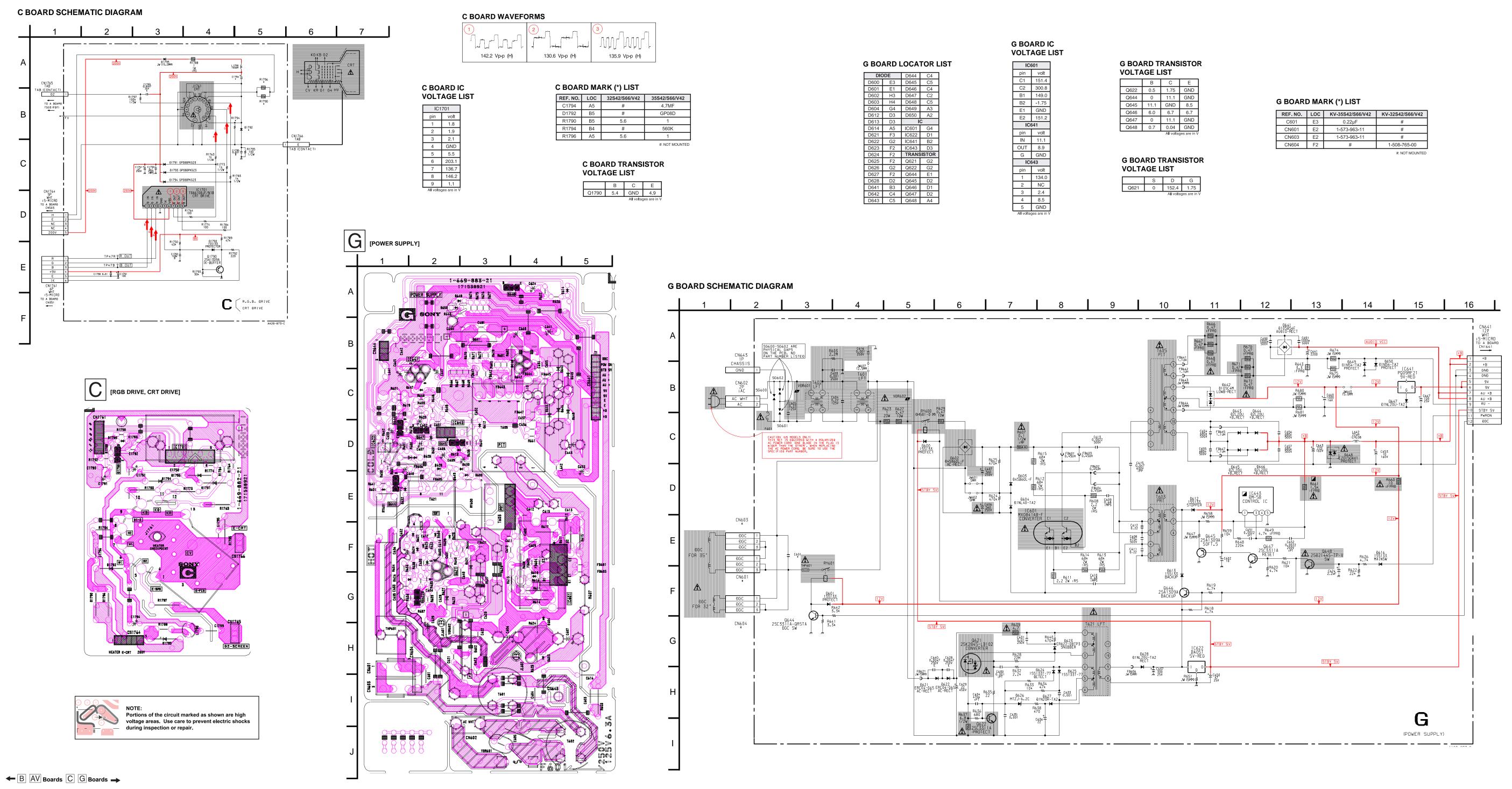


[DIGITAL COMB FILTER]



— 47 —

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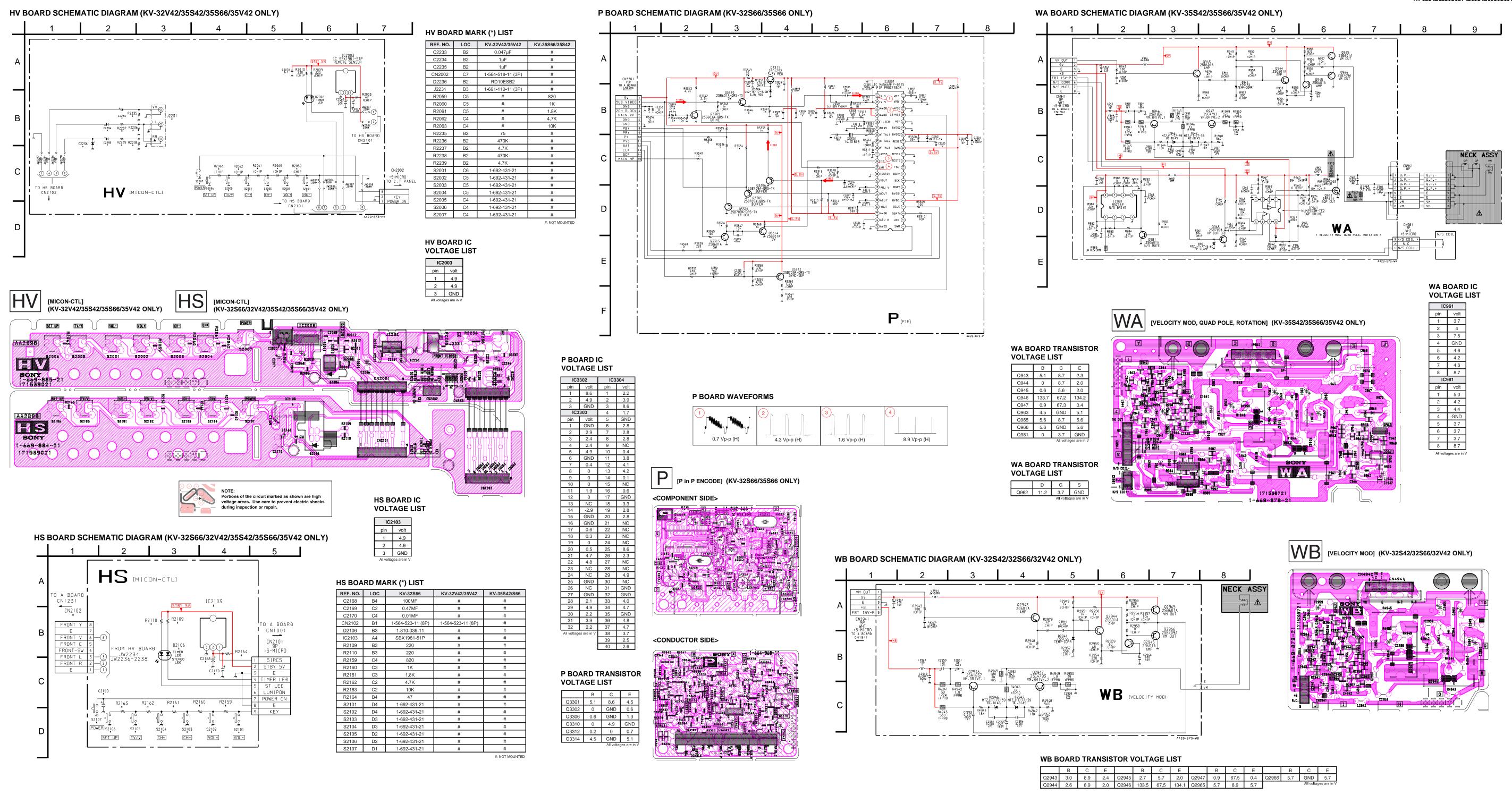
— 53 —

873 C-G Schematics.p65 1 7/9/99, 3:05 PM

— 52 —

— 51 —

KV-32S42/32S66/32V42/35S42/35S66/35V42



7/9/99, 3:07 PM

UV BOARD SCHEMATIC DIAGRAM (KV-32S66/32V42/35S66/35V42 ONLY) 11 12 C173 1k 0.47 :CHIP AS-2K TO AV BOARD MONITOR OUT Q231 WHIP * **UV BOARD IC VOLTAGE LIST** SIRCS OUT S-LINK INI IR BLASTER OUT SIRCS OUT | R923 S-LINK IN2 10 1.5 10 0 22 4.4 26 4.0 11 4.7 11 GND 23 4.4 27 5.3 12 4.7 12 8.7 24 4.4 28 NC 13 5.6 13 4.4 25 4.4 29 4.7 UV SRS AV-SW AV-TERMINAL SIRCS IN * S-LINK OUT L-___-VAR-RA ILD WAITE CN294 **UV BOARD TRANSISTOR VOLTAGE LIST**
 Q101
 0.2
 0
 GND
 Q234
 -0.2
 0
 GND
 Q238
 3.9
 GND
 4.6
 Q242
 4.2
 GND
 4.9
 Q263
 3.3
 GND
 3.9

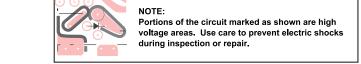
 Q231
 -0.3
 5.6
 GND
 Q235
 0
 0
 GND
 Q239
 3.9
 GND
 4.6
 Q243
 0
 GND
 0.7
 Q265
 4.2
 GND
 4.9

 Q232
 0.2
 4.9
 GND
 Q236
 0
 0
 GND
 Q240
 4.1
 GND
 4.9
 Q261
 4.6
 8.7
 3.9
 All voltages are in V

[SRS, AV-SW, AV-TERMINAL] (KV-32S66/32V42/35S66/35V42 ONLY)

UV BOARD MARK (*) LIST

REF. NO.	LOC.	32S66/35S66	32V42/35V42	REF. NO.	LOC.	32S66/35S66	32V42/35V42
C100	D4	#	1µF	Q231	Н3	#	2SD601A-Q
C101	E14	#	0.1µF	Q233	G3	#	2SD601A-Q
C102	E14	#	1µF	Q234	G3	#	2SD601A-Q
C103	E14	#	0.0047µF	Q238	G4	#	2SA1162-G
C104	E15	#	0.47µF	Q239	G4	#	2SA1162-G
C105	E14	#	0.47µF	Q261	A8	2SD601A-Q	#
C174	C16	#	10μF	R103	F13	22K	33K
C178	D17	#	10µF	R113	C16	#	22K
C179	C16	#	0.0033µF	R114	C17	#	22K
C180	C17	#	0.0033µF	R115	C16	#	22K
C181	C16	#	0.033µF	R116	C17	#	22K
C182	C17	#	0.033µF	R117	D16	#	10K
C183	D15	#	10PF	R118	D16	#	10K
C184	D15	#	10PF	R119	D16	#	10K
C185	D15	#	10PF	R124	D13	#	220
C187	D14	#	10μF	R125	D13	#	220
C188	D13	#	0.1μF	R126	E15	#	3.9K
C189	D13	#	0.1µF	R127	E14	#	47K
C190	E13	#	0.027µF	R128	E15	#	33K
C191	E13	#	0.0047µF	R129	E14	#	1.5K
C192	E13	#	470PF	R130	E14	#	130K
C193	E13	#	0.1µF	R131	E14	#	1K
C194	E13	#	0.015µF	R132	E15	#	43K
C195	E13	#	0.0022µF	R136	F14	22K	33K
C196	D14	#	22µF	R201	G4	#	4.7K
C197	D14	#	0.1µF	R202	G4	#	1K
C198	D14	#	1µF	R203	G3	#	6.8K
C199	D14	#	0.1µF	R204	G3	#	6.8K
C241	G3	#	470µF	R213	F4	#	4.7K
C242	G3	#	0.47µF	R214	F4	#	4.7K
C244	G3	#	0.47µF	R217	G5	#	100
C261	В8	0.047µF	#	R218	G5	#	100
C266	E8	1µF	#	R248	F2	#	68
C267	E8	1µF	#	R249	G3	#	470K
C275	G4	#	47µF	R250	G3	#	470K
D237	НЗ	#	MTZJ-3.3	R251	G3	#	470K
D238	G4	#	MTZJ-3.3	R256	НЗ	#	6.8K
D902	L2	RD10ESB2	#	R259	G3	#	4.7K
IC102	C16	#	NJM2150M-TE2	R261	E8	22	#
IC103	D13	#	TDA7467D013TR	R266	A8	0	#
IC261	C7	MM1313AD/	MM1311AD	R267	В8	680	#
J234	G2	#	3P	R275	E7	4.7K	#
J902	L2	3P	#	R276	E8	4.7K	#
J903	J2	3P	#	R288	C6	#	220
J904	K2	3P	#	R289	C6	#	220
JR106	D15	#	0	R290	C6	#	220
JR107	D15	#	0	R292	D6	#	100
JR147	D14	0	#	R293	E6	100	#
JR148	C15	0	#	R919	L3	0	#
JR901	K3	0	#	R922	J2	1K	#



UV BOARD WAVEFORMS

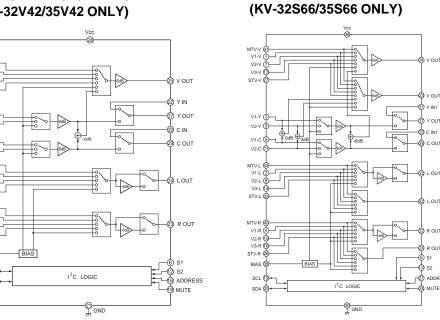
1.0 Vp-p (H)	2.0 Vp-p (H)	2.0 Vp-p (H)	1.8 Vp-p (H)
1.8 Vp-p (H)	2.0 Vp-p (H)	7 1.0 Vp-p (H)	

UV BOARD LOCATOR LIST

DIO	DES	D237	E3	D246	E3	IC102	C7	Q233	E3	Q262	A4
D231	B5	D238	E3	D264	F1	IC103	D7	Q234	D3	Q263	В3
D232	B5	D240	C5	D265	F1	IC261	C4	Q238	C3	Q265	B4
D233	B5	D241	C5	D902	B1	TRANS	SISTOR	Q239	C3		
D234	B5	D242	D5	I	С	Q100	B8	Q237	C3		
D235	B5	D243	F3	IC100	A7	Q101	B8	Q243	F5		
D236	C5	D244	F2	IC101	C8	Q231	D3	Q261	A4		

UV BOARD: IC261 MM1313AD/

UV BOARD: IC261 MM1311AD (KV-32V42/35V42 ONLY)



← HS HV P WA WB Boards UV Board →

KV-32S42/32S66/32V42/35S42/35S66/35V42

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— 61 —

— 62 —

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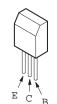
873 UV Schematic.p65

6-5. SEMICONDUCTORS

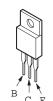
DTC114EK 2SC1623-L5L6 2SA1330-06 2SA1162-G 2SD601A-Q



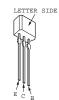
2SC3209LK



2SA1837 2SC4159-E



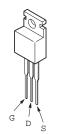
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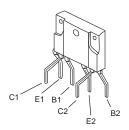
2SD2144S-V



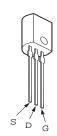
IRF614



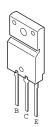
MX0841



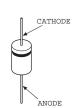
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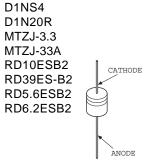


2SC5148



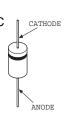
ERC06-15S ISSI33T-77



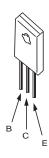


D2L2OU EL1Z EZD150AV1

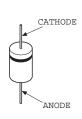




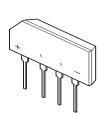
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EGP30D ERD29-08J



D10SBS4F



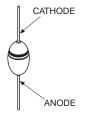
D4SB60L D1NL40-TA2



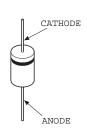
D10SC4M



U05G



D1NL20U



SECTION 7 EXPLODED VIEW

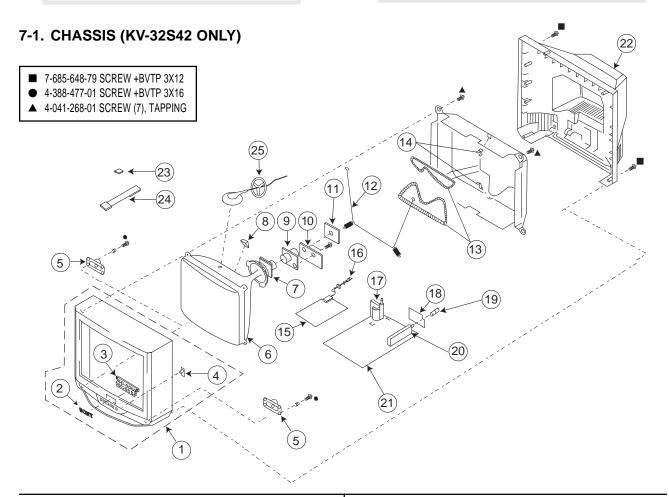
- Items with no part number and no description are not stocked because they are seldom required for routine service.
- The component parts of an assembly are indicated by the reference numbers in the remarks column.
- Items marked * are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REF	NO.	PART NO.	DESCRIPTION	<u>REMARK</u>
1		X-4035-771-1	BEZNET ASSY	2-4
2		4-046-160-11	EMBLEM (NO.9), SONY	
3		4-063-573-01	BUTTON, MULTI	
4		4-063-570-01	GUIDE, LED	
5		1-504-531-11	SPEAKER (13.1X6.2CM)	
6	\triangle	8-733-757-05	CRT 34FX2T (FOR N.A.AR	EA)
7	\triangle	8-451-482-11	DY Y34FXA2-V	
8		4-053-005-01	SPACER, DY	
9	\triangle	1-452-579-21	NECK ASSY, CRT (NA322)	
10	*	A-1372-508-A	WB MOUNTED PC BOARD	
11	*	A-1331-837-A	C (VAR) MOUNTED PC	
12		4-036-329-01	SPRING (B), TENSION	
13	\triangle	1-402-952-11	COIL, DEMAGNETIZATION	V
14	*	4-371-629-01	STOPPER, WIRE	
15	*	A-1316-389-A	G COMPLETE PC BOARD	

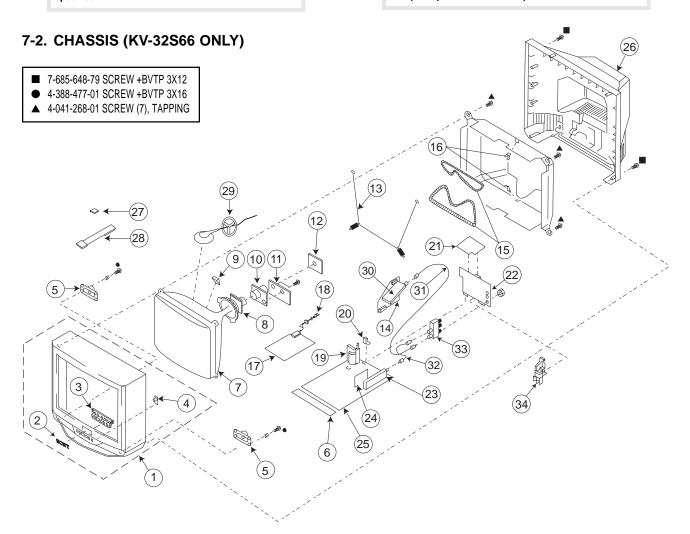
REF. N	<u> 10.</u>	PART NO.	DESCRIPTION	<u>REMARK</u>
16	Λ	1-790-315-21	CORD, AC POWER(WITH CO	ONNECTOR)
17 2		1-453-207-11	FBT ASSY NX-2609//X4C	
18	*	A-1135-950-A	B COMPLETE PC BOARD	
19		1-766-374-11	PLUG, F-PIN	
20 2	<u> </u>	8-598-431-00	TUNER, FSS BTF-WA411	
21	*	A-1299-001-A	A COMPLETE PC BOARD	
22		4-063-852-01	COVER, REAR	
23		1-452-885-11	MAGNET, LANDING	
24		4-062-047-01	PIECE A(110), CONV CORRE	:CT
25		3-704-372-31	HOLDER, HV CABLE	

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REF.	NA			
	NU.	<u>PART NO.</u>	<u>DESCRIPTION</u> <u>REMARK</u>	
1		X-4035-773-1	BEZNET ASSY 2-4	
2		4-046-160-11	EMBLEM (NO.9), SONY	
3		4-063-573-01	BUTTON, MULTI	
4		4-063-570-01	GUIDE, LED	
5		1-504-531-11	SPEAKER (13.1X6.2CM)	
6	*	A-1372-519-A	HS (VAR) MOUNTED PC	
7	Δ	8-733-757-05	CRT 34FX2T (FOR N.A.AREA)	
8	Δ	8-451-482-11	DY Y34FXA2-V	
9		4-053-005-01		
10	Δ	1-452-579-21	NECK ASSY, CRT (NA322)	
11	*	A-1372-508-A	WB MOUNTED PC BOARD	
12	*	A-1331-837-A	- ()	
13		4-036-329-01	SPRING (B), TENSION	
14		A-1298-612-A		
15	Δ	1-402-952-11	COIL, DEMAGNETIZATION	
			OTOPPED WIPE	
16		4-371-629-01	STOPPER, WIRE	
	*	A-1316-389-A	G COMPLETE PC BOARD	
		1-790-315-21	CORD, AC POWER(WITH CONNECTOR)	
	⚠	1-453-207-11	FBT ASSY NX-2609//X4C	
20		4-064-530-01	CLIP, CHASSIS	

REF. NO	D. PARTNO.	DESCRIPTION	<u>REMARK</u>
21 *	A-1135-949-A	B COMPLETE PC BOAR	D
22 *	A-1394-910-A	UV COMPLETE PC BOA	RD
23 △	8-598-431-00	TUNER, FSS BTF-WA41	1
24 *	A-1195-154-A	P COMPLETE PC BOARD)
25 *	A-1298-997-A	A COMPLETE PC BOARD)
26	4-064-760-11	COVER, REAR	
27	1-452-885-11	MAGNET, LANDING	
28	4-062-047-01	PIECE A(110), CONV CO	RRECT
29	3-704-372-31	HOLDER, HV CABLE	
30 △	8-598-430-00	TUNER, FSS BTF-FA40	1
31 *	1-556-945-21	CABLE, P-P	
32 *	1-557-056-31	CABLE, P-P	
33	8-598-414-10	CHANGER, ANTENNA AS	S-2F
34 *	4-052-905-01	V5/6 BRACKET	

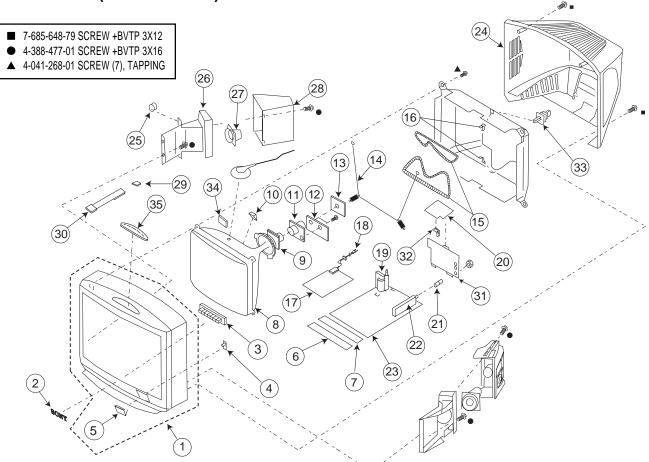
Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

7-3. CHASSIS (KV-32V42 ONLY)

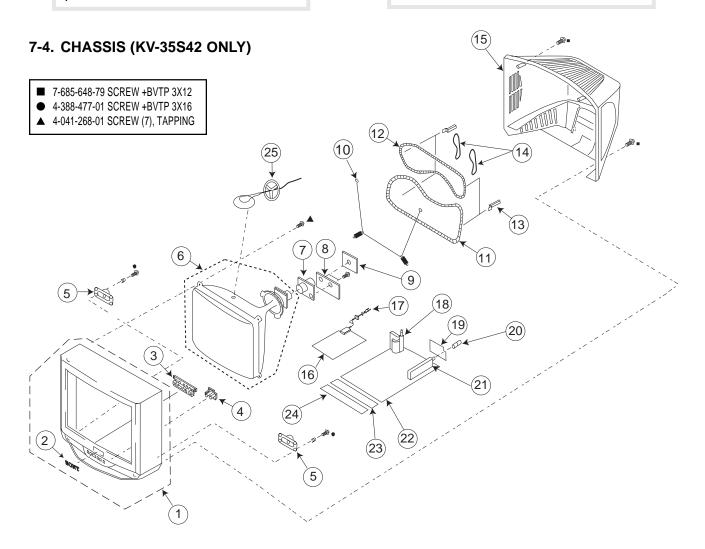


REF. NO.		PART NO.	DESCRIPTION	<u>REMARK</u>
1		X-4036-561-1	BEZNET ASSY	5
2		4-046-160-01	EMBLEM (NO.9), SONY	
3		4-052-907-11	BUTTON, MULTI	
4	*	4-052-897-01	GUIDE, LED	
5		4-052-906-11	DOOR, CONTROL	
6	*	A-1372-510-A	HS (VAR) MOUNTED PC	
7	*	A-1372-684-A	, ,	
8	\triangle	8-733-757-05	CRT 34FX2T (FOR N.A.A	AREA)
9	⚠	8-451-482-11	DY Y34FXA2-V	
10		4-053-005-01	SPACER, DY	
11	Δ	1-452-579-21	NECK ASSY, CRT (NA32	22)
12	*	A-1372-508-A	WB MOUNTED PC BOAR	D
13	*	A-1331-837-A	C (VAR) MOUNTED PC	
14		4-036-329-01	SPRING (B), TENSION	
15	Δ	1-402-952-11	COIL, DEMAGNETIZATI	ON
16	*	4-371-629-01	STOPPER, WIRE	
17	*	A-1316-389-A	G COMPLETE PC BOARD)
18	Δ	1-790-315-11	CORD, AC POWER(WITH	H CONNECTOR)
19	Δ	1-453-207-11	FBT ASSY NX-2609//X4	C
20	*	A-1135-948-A	B COMPLETE PC BOARD)

REF.I	NO.	PART NO.	DESCRIPTION	<u>REMARK</u>
21		1-766-374-11	PLUG, F-PIN	
22	Δ	8-598-431-00	TUNER, FSS BTF-WA411	
23	*	A-1298-999-A	A COMPLETE PC BOARD	
24		4-053-766-31	COVER, REAR	
25		4-374-745-31	CUSHION (A)	
26		X-4035-400-1	BAFFLE ASSY, SPEAKER	25
27		1-504-524-31	SPEAKER (8CM)	
28		X-4035-401-1	COVER ASSY, SPEAKER	
29		1-452-885-11	MAGNET, LANDING	
30		4-062-047-01	PIECE A(110), CONV CORRE	CT
31	*	A-1394-905-A	UV COMPLETE PC BOARD	
32	*	3-696-606-02	HINGE, VI	
33		4-033-681-01	HOLDER, LEAD	
34	*	4-064-378-01	CUSHION (20 MM), CRT	
35		1-473-549-21	SWITCH, BLOCK CONTROL	

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:



REF	: NO.	PART NO.	DESCRIPTION	REMARK
1		X-4035-596-1	BEZNET ASSY	2
2		4-046-160-01	EMBLEM (NO.9), SONY	
3		4-058-053-11	BUTTON, MULTI	
4		4-058-054-01	BAR, OPTICAL	
5		1-504-531-11	SPEAKER (13.1X6.2CM)	
6	Δ	8-733-761-61	ITC 37GXT-A1/A1597168A	
7	<u>~</u>	8-453-007-51	NA324-M5	
8	*	A-1372-462-A	WA MOUNTED PWB	
9	*	A-1331-843-A	C (VAR) MOUNTED PC	
10		4-036-329-01	SPRING (B), TENSION	
			OOU DECAUGOINO	
11	Δ	1-411-881-21	COIL, DEGAUSSING	
12	Δ	1-411-882-21	COIL, DEGAUSSING	
13	*	4-052-900-02	HOLDER, DGC	
14		4-059-585-01	TIE, CABLE	
15		4-058-052-22	COVER, REAR	

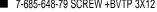
REF	. NO.	PART NO.	DESCRIPTION	REMARK
16	*	A-1316-399-A	G COMPLETE PC BOARD	
17	\triangle	1-790-315-11	CORD, AC POWER(WITH CO	ONNECTOR)
17	Δ	1-751-059-11	CORD, POWER (WITH CON (35S42CND ONLY)	NECTOR)
18	\triangle	X-4560-159-1	FBT ASSY NX-3005//JIC4	
19	*	A-1135-950-A	B COMPLETE PC BOARD	
20		1-766-374-11	PLUG, F-PIN	
21	\triangle	8-598-431-00	TUNER FSS BTF-WA411	
22	*	A-1298-899-A	A COMPLETE PC BOARD	
23	*	A-1372-523-A	HV (VAR) MOUNTED PC	
24	*	A-1372-507-A	HS (COM) MOUNTED PC	
25		3-704-372-31	HOLDER, HV CABLE	

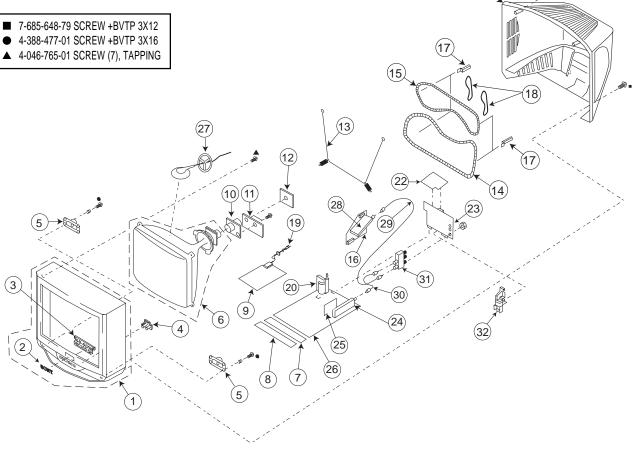
The components identified by shading and mark extstyle extstylcritical for safety. Replace only with part number

Note:

Les composants identifies per un trame et une marque extstyle esont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

7-5. CHASSIS (KV-35S66 ONLY)





REF.	NO.	PART NO.	DESCRIPTION	REMARK
1		X-4035-598-1	BEZNET ASSY	2
2		4-046-160-01	EMBLEM (NO.9), SONY	
3		4-058-053-11	BUTTON, MULTI	
4		4-058-054-01	BAR, OPTICAL	
5		1-504-531-11	SPEAKER (13.1X6.2CM)	
6	⚠	8-733-761-61	ITC 37GXT-A1/A1597168A	
7	*	A-1372-507-A	HS COMPLETE PC BOARD	
8	*	A-1372-523-A	HV (VAR) MOUNTED PC	
9	*	A-1316-399-A	G COMPLETE PC BOARD	
10	\triangle	8-453-007-51	NA324-M5	
11	*	A-1372-462-A	WA MOUNTED PWB	
12	*	A-1331-843-A	C (VAR) MOUNTED PC	
13		4-036-329-01	SPRING (B), TENSION	
14	\triangle	1-411-881-21	COIL, DEGAUSSING	
15	\triangle	1-411-882-21	COIL, DEGAUSSING	
16	*	A-1298-612-A	AV COMPLETE PC BOARD	
17	*	4-052-900-02	HOLDER, DGC	
18		4-059-585-01	TIE, CABLE	
19	\triangle	1-751-059-11	CORD, POWER (WITH CON (KV-35S66CND ONLY)	NECTOR)

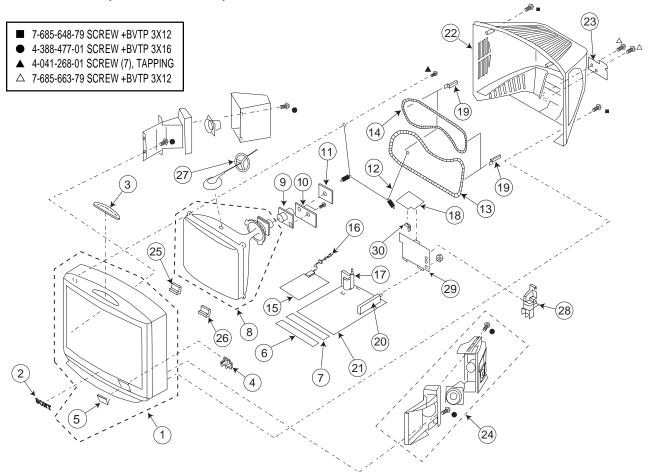
REF	<u>NO.</u>	PART NO.	DESCRIPTION	<u>REMARK</u>
19	Δ	1-790-315-11	CORD, AC POWER (WITH CO	ONNECTOR)
20	\triangle	X-4560-159-1	FBT ASSY NX-3005//JIC4	
21		4-058-052-32	COVER, REAR	
22	*	A-1135-949-A	B COMPLETE PC BOARD	
23	*	A-1394-910-A	UV COMPLETE PC BOARD	
24	Δ	8-598-431-00	TUNER, FSS BTF-WA411	
25	*	A-1195-154-A	P COMPLETE PC BOARD	
26	*	A-1298-897-A	A COMPLETE PC BOARD	
27		3-704-372-31	HOLDER, HV CABLE	
28	Δ	8-598-430-00	TUNER, FSS BTF-FA401	
29	*	1-556-945-21	CABLE, P-P	
30	*	1-557-056-31	CABLE, P-P	
31		8-598-414-10	CHANGER, ANTENNA AS-2F	=
32	*	4-052-905-01	V5/6 BRACKET	

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque extstyle extstyle

7-6. CHASSIS (KV-35V42 ONLY)



REF	NO.	PART NO.	DESCRIPTION	<u>REMARK</u>
1		X-4036-563-1	BEZNET ASSY	5
2		4-046-160-01	EMBLEM (NO.9), SONY	
3		1-473-549-21	SWITCH BLOCK, CONTROL	
4	*	4-052-897-01	GUIDE, LED	
5		4-052-906-11	DOOR, CONTROL	
6	*	A-1372-510-A	HS (VAR) MOUNTED PC BO	ARD
7	*		, ,	
8	Δ	8-733-761-61	, ,	
9		8-453-007-51	NA324-M5	
10	*	A-1372-462-A	WA MOUNTED PWB	
			0.440) 140111777 00 004	
11	*	A-1331-843-A	- (,	RD
12		4-036-329-01	. , , ,	
13		1-411-881-21		
14	Δ	1-411-882-21	,	
15		A-1316-399-A	G COMPLETE PC BOARD	
16	Δ	1-790-315-11	CORD, AC POWER(WITH C	ONNECTOR)
17	Δ	X-4560-159-1	FBT ASSY NX-3005//JIC4	
18	*	A-1135-948-A	B COMPLETE PC BOARD	
19	*	4-052-900-02	HOLDER, DGC	
20	Δ	8-598-431-00	TUNER, FSS BTF-WA411	

REF. NO.	PART NO.	DESCRIPTION	REMARK
21 *	A-1298-898-A	A COMPLETE PC BOARD	
22	4-052-903-12	COVER, REAR	
23	4-070-877-11	LABEL, TUNER TERMINAL	
24	1-505-684-11	SPEAKER UNIT, BOX TYP	E (2WAY)
25	4-052-902-01	CRT SUPPORT (L)	
26	4-052-901-01	CRT SUPPORT (R)	
27	3-704-372-31	HOLDER, HV CABLE	
28 *	4-052-905-01	V5/6 BRACKET	
29	A-1394-905-A	UV COMPLETE PC BOARD	
30 *	3-696-606-02	HINGE, VI	

SECTION 8 ELECTRICAL PARTS LIST

PARTS LISTING TABLE OF CONTENTS

Page A BOARD COMMON PARTS LIST: Parts common to all models listed in this manual71 A BOARD VARIANT PARTS LIST: Parts that belong only to the model specified79 Refer to the designated variant parts list when seeking a part indicated by an asterisk (*) on the A Board schematic or by the word "variant" on the common parts list. Model Page KV-32S42 79 KV-32S66.....81 KV-32V42......82 KV-35\$42.....83 KV-35S66.....85 KV-35V42......86 AV BOARD COMPLETE PARTS LIST (KV-32S66/35S66 only)......87 B BOARD COMPLETE PARTS LIST (All Models)......87 C BOARD COMPLETE PARTS LIST (All Models)......89 G BOARD COMPLETE PARTS LIST (All Models)89 HV BOARD COMPLETE PARTS LIST (KV-32V42/35S42/35S66/35V42 only).......92 UV BOARD COMPLETE PARTS LIST (KV-32S66/32V42/35S66/35V42 only).......93 WA BOARD <u>COMPLETE</u> PARTS LIST (KV-35S42/35S66/35V42 only)......96

Common Parts Listing



Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

- The components identified by

 in this
 manual have been carefully factory selected for each set in order to satisfy
 regulations regarding X-ray radiation.
 Should replacement be required, replace
 only with the value originally used.
- Items marked * are not stocked since they are seldom required for routine service.
 Some delay should be anticipated when ordering these items.
- All variable and adjustable resistors have characteristic curve B, unless otherwise noted.

RESISTORS

- All resistors are in ohms
- F: nonflammable

When indicating parts by reference number, please include the board name.

REF. NO.	PART NO.	DESCRIPTION		REM	ARK	REF. NO.	PART NO.	DESCRIPTION		REM	ARK
	1					C071	1-164-096-11	CERAMIC	0.01µF		50V
ΙΛ.						C072	1-164-161-11	CERAMIC	0.0022µF	10%	50V
						C075	1-107-823-11	CERAMIC	0.47µF	10%	16V
	J					C076		VARIANT (SE			
*	A-1299-001-A	A COMPLET	E PC BOARD	(KV-3	2\$42)	C077		VARIANT (SE	EE VARIANT	PARTS	S LIST)
*	A-1298-997-A	A COMPLET									
*	A-1298-999-A	A COMPLET				C090		VARIANT (SE			
*	A-1298-899-A	A COMPLET				C353	1-163-231-11	CERAMIC	15pF	5%	50V
*	A-1298-897-A	A COMPLET				C354	1-163-133-00	CERAMIC	470pF	5%	50V
*	A-1298-898-A	A COMPLET	E PC BOARD	(KV-3	5V42)	C355	1-126-959-11	ELECT	0.47µF	20%	50V
	4-382-854-11	SCREW (M3				C356	1-126-963-11	ELECT	4.7µF	20%	50V
	4-382-854-11	SCREW (M3	X10), P, SW	(+)		0057		51 507		000/	50) (
	CAPACITOR					C357	1-126-959-11	ELECT	0.47µF	20%	50V
						C358	1-163-021-91	CERAMIC	0.01µF	10%	50V
C001	1-163-259-91	CERAMIC	220pF	5%	50V	C359	1-126-933-11	ELECT	100µF	20%	16V
C003	1-104-760-11	CERAMIC	0.047µF	10%	50V	C360		VARIANT (SI			
C005	1-126-960-11	ELECT	1μF	20%	50V	C361		VARIANT (SE	E VARIANT	PARIS	LIST)
C009	1-126-967-11	ELECT	47µF	20%	50V	0000		\/ADIANT/OF	\/ADIANT	DADTO	LIOT\
C010	1-163-033-91	CERAMIC	0.022µF		50V	C362	4 400 004 04	VARIANT (SE			
						C363	1-163-021-91	CERAMIC	0.01µF	10%	50V
C012	1-216-033-00	RES,CHIP	220	5%	1/10W	C364	1-163-021-91	CERAMIC	0.01µF	10%	50V
C013	1-216-121-91	RES,CHIP	1M	5%	1/10W	C365	1-163-021-91	CERAMIC	0.01µF	10%	50V
C014	1-164-161-11	CERAMIC	0.0022µF	10%	50V	C366	1-130-495-00	FILM	0.1µF	5%	50V
C023	1-163-259-91	CERAMIC	220pF	5%	50V	0007	4 400 405 00	ги м	0.4⊏	rn/	F0\/
C028	1-163-227-11	CERAMIC	10pF	0.50%	50V	C367	1-130-495-00	FILM	0.1µF	5% 5%	50V
0000	4 400 007 44	0554440	40.5	0.500/	501 /	C368	1-130-495-00	FILM	0.1µF	5%	50V 50V
C029	1-163-227-11	CERAMIC	10pF	0.50%		C369	1-163-243-11	CERAMIC	47pF	5%	
C030	1-163-009-11	CERAMIC	0.001µF	10%	50V	C370	4 400 444 00	VARIANT (SI			,
C035	1-163-237-11	CERAMIC	27pF	5%	50V	C371	1-163-141-00	CERAMIC	0.001µF	5%	50V
C036	1-163-231-11	CERAMIC	15pF	5%	50V	0272	1 100 050 11	FLECT	0.47	200/	50V
C037	1-163-243-11	CERAMIC	47pF	5%	50V	C372	1-126-959-11	ELECT	0.47µF	20%	
0000	4 400 040 44	OFDAMIC	47	5 0/	F0\/	C373 C375	1-126-960-11	ELECT VARIANT (SI	1µF	20% грарт	50V S LIST\
C038	1-163-243-11	CERAMIC	47pF	5%	50V	C375	1-126-964-11	ELECT	10µF	20%	50V
C039	1-163-243-11	CERAMIC	47pF	5%	50V	C376 C377	1-126-964-11	FILM	10μF 0.1μF	20% 5%	50V 50V
C040	1-163-243-11	CERAMIC	47pF	5%	50V	03/1	1-100-450-00	i⁻ILIVI	ν. τμπ	J/0	JU V
C051	1-164-004-11	CERAMIC	0.1µF	10%	25V	C378	1-130-495-00	FILM	0.1µF	5%	50V
C053	1-163-021-91	CERAMIC	0.01µF	10%	50V	C376	1-163-021-91	CERAMIC	0.1µF 0.01µF	10%	50V 50V
COEC	1 160 040 44	CEDAMIC	47nE	E 0/	E0\/	C380	1-103-021-91	ELECT		20%	16V
C056	1-163-243-11	CERAMIC	47pF	5%	50V	C381	1-163-003-11	CERAMIC	470µF 330pF	10%	50V
C061	1-163-033-91	CERAMIC	0.022µF		50V	C383	1-130-495-00	FILM	0.1µF	5%	50V 50V
C062	1-163-033-91	CERAMIC	0.022µF	200/	50V	0303	1-100 -4 30-00	I ILIVI	υ. τμπ	J/0	JUV
C063	1-126-935-11	ELECT	470µF	20%	16V	C385	1-164-182-11	CERAMIC	0.0033µF	10%	50V
C068		VARIANT (SI	EE VAKIAN I	LAK 12	LIOI)	C386	1-163-021-91	CERAMIC	0.0033µF 0.01µF	10%	50V 50V
COCO		\/ADIANT /O	EE \/ADIANT	חאחדים	LICT\	C387	1-126-961-11	ELECT	2.2µF	20%	50V 50V
C069	1 126 067 14	VARIANT (SI			,	C388	1-126-959-11	ELECT	2.2µr 0.47µF	20%	50V 50V
C070	1-126-967-11	ELECT	47µF	20%	201	0300	1-120-303-11	LLLUI	υ. 4 7 μΓ	ZU /0	JU V



Common Parts Listing

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

REF.NO.	PARTNO.	DESCRIPTION		REM	<u>ARK</u>	REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>
C390	1-126-960-11	ELECT	1µF	20%	50V	C539		VARIANT (S		PARTS	S LIST)
C391	1-163-017-00		0.0047µF	10%	50V	C540	1-123-024-21	ELECT	33µF		160V
C392	1-163-251-11	CERAMIC	100pF	5%	50V	C541	1-128-560-11	ELECT	22µF	20%	100V
C461		VARIANT (S			,	C542	4 400 007 00	VARIANT (S			,
C462	1-126-961-11	ELECT	2.2µF	20%	50V	C545	1-106-387-00	MYLAR	0.068µF	10%	200V
C463	1-126-961-11	ELECT	2.2µF	20%	50V	C546	1-106-343-00	MYLAR	0.001µF	10%	100V
C464	1-163-017-00		0.0047µF	10%	50V	C547	1-106-343-00	MYLAR	0.001µF	10%	100V
C466	1-104-666-11	ELECT	220µF	20%	25V	C551	1-163-037-11	CERAMIC	0.022µF	10%	50V
C467	1-163-017-00		0.0047µF	10%	50V	C561	1-126-967-11	ELECT	47µF	20%	50V
C468	1-104-664-11	ELECT	47μF	20%	25V	C563	1-126-934-11	ELECT	220µF	20%	10V
C470	1-126-961-11	ELECT	2.2µF	20%	50V	C564	1-126-960-11	ELECT	1µF	20%	50V
C471	1-104-666-11	ELECT	220µF	20%	25V	C565	1-126-969-11	ELECT	220µF	20%	50V
C472	1-137-194-81	FILM	0.47µF	5%	50V	C566	1-104-664-11	ELECT	47μF	20%	25V
C473	1-136-169-00		0.22µF	5%	50V	C568	1-136-169-00	FILM	0.22µF	5%	50V
C474	1-126-942-61	ELECT	1000µF	20%	25V	C571	1-104-664-11	ELECT	47μF	20%	25V
C475	1-136-169-00	FILM	0.22µF	5%	50V	C1002	1-126-964-11	ELECT	10µF	20%	50V
C476	1-126-942-61	ELECT	1000µF	20%	25V	C1101	1-126-768-11	ELECT	2200µF	20%	16V
C477	1-126-942-61	ELECT	1000µF	20%	25V	C1103	1-126-965-11	ELECT	22µF	20%	50V
C501	1-163-259-91	CERAMIC	220pF	5%	50V	C1104	1-104-664-11	ELECT	47μF	20%	16V
C502	1-126-959-11	ELECT	0.47µF	20%	50V	C1105	1-104-664-11	ELECT	47μF	20%	16V
C503	1-163-003-11	CERAMIC	330pF	10%	50V	C1106	1-126-964-11	ELECT	10µF	20%	50V
C504	1-102-212-00	CERAMIC	820pF	10%	500V	C1107	1-163-003-11	CERAMIC	330pF	10%	50V
C505	1-102-002-00		680pF	10%	500V	C1108	1-126-960-11	ELECT	1μF	20%	50V
C506	1-106-383-00	MYLAR	0.047µF	10%	200V	C1109	1-126-964-11	ELECT	10μF	20%	50V
C507	△ 1-162-116-00	CERAMIC	680pF	10%	2KV	C1110	1-163-227-11	CERAMIC	10pF	0.50%	50V
C508	1-102-244-00	CERAMIC	220pF	10%	500V	C1111	1-163-227-11	CERAMIC	10pF	0.50%	50V
C509	1-162-116-00	CERAMIC	680pF	10%	2KV	C1112	1-163-227-11	CERAMIC	10pF	0.50%	6 50V
C510	1-137-150-11	MYLAR	0.01µF	10%	100V	C1236		VARIANT (S	EE VARIAN	T PART	S LIST)
	△ 1-115-460-11	FILM	0.022µF	3%	1.2KV	C1237		VARIANT (S	EE VARIAN	T PART	S LIST)
C513		VARIANT (SI	EE VARIANT	PARTS	S LIST)	C1238		VARIANT (S	EE VARIAN	PARTS	S LIST)
C514		VARIANT (SI	EE VARIANT	PARTS	S LIST)	C1239		VARIANT (S	EE VARIAN	PARTS	S LIST)
C515	1-106-343-00	MYLAR	0.001µF		100V	C1240		VARIANT (S	EE VARIAN	T PART	S LIST)
C516	1-115-461-11	FILM	2μF	5%	200V	C1241		VARIANT (S	EE VARIAN	T PART	S LIST)
C517	1-107-649-11	ELECT	2.2µF	20%	250V	C1242		VARIANT (S	EE VARIAN	T PART	S LIST)
C518	1-106-395-00	MYLAR	0.15µF	10%	200V	C1243		VARIANT (S	EE VARIAN	PARTS	S LIST)
C519	1-162-815-11	CERAMIC	47pF	5%	500V	C1244		VARIANT (S	EE VARIAN	PARTS	S LIST)
C520		VARIANT (S	EE VARIANT	PART	S LIST)	C1245		VARIANT (S	EE VARIAN	T PART	S LIST)
C521		VARIANT (S		PART	S LIST)	C1261		VARIANT (S			,
C522	1-126-960-11	ELECT	1µF	20%	50V	C1262		VARIANT (S			
C525	1-102-244-00	CERAMIC	220pF	10%	500V	C1263		VARIANT (S	EE VARIAN	PARTS	S LIST)
C526	1-107-662-11	ELECT	22µF	20%	250V	C1264		VARIANT (S			,
C527	1-162-116-00	CERAMIC	680pF	10%	2KV	C1267		VARIANT (S			
C528	1-164-161-11	CERAMIC	0.0022µF	10%	50V	C1268		VARIANT (S			
C529	1-128-551-11	ELECT	22µF	20%	25V	C1269		VARIANT (S			
C530	1-137-366-11	FILM	0.0022µF	5%	50V	C1293		VARIANT (S	EE VARIAN	PARTS	S LIST)
C531	1-126-965-11	ELECT	22µF	20%	50V	C1351	1-163-251-11	CERAMIC	100pF	5%	50V
C532	1-126-965-11	ELECT	22µF	20%	50V	C1352	1-126-933-11	ELECT	100µF	20%	16V
C534	1-126-967-11	ELECT	47μF	20%	50V	C1353	1-163-037-11	CERAMIC	0.022µF	10%	50V
C537		VARIANT (S	EÉ VARIANT	PART	S LIST)	C1354	1-216-295-91	SHORT			

Note:

Les composants identifies per un trame et une marque riangle sont critiques pour la

Common Parts Listing



The components identified by shading and mark \triangle are critical for safety. securite. Ne les remplacer que par une Replace only with part number specified. piece portant le numero specifie.

REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	REMARK
C1401			RIANT PARTS LIST)				ERC06-15S
C1402		,	RIANT PARTS LIST)		△ 8-719-945-80		ERC06-15S
C1403			RIANT PARTS LIST)	D504	8-719-900-26		ERD29-08J
C1404		,	RIANT PARTS LIST)	D505	8-719-908-03		GP08D
C1404 C1405			RIANT PARTS LIST)	D506			GP08D
C1405		VARIANI (SEE VA	KIANT PARTS LIST)	D300	8-719-908-03	DIODE	GF00D
C1406		VARIANT (SEE VA	RIANT PARTS LIST)	D507	8-719-991-33	DIODE	1SS133T-77
C1407		VARIANT (SEE VA	RIANT PARTS LIST)	D515	8-719-302-43	DIODE	EL1Z
C1408		VARIANT (SEE VA	RIANT PARTS LIST)	D516	8-719-991-33	DIODE	1SS133T-77
C1409		VARIANT (SEE VA	RIANT PARTS LIST)	D518	8-719-991-33	DIODE	1SS133T-77
C1410		VARIANT (SEE VA	RIANT PARTS LIST)	D519	△ 8-719-302-43		EL1Z
C1411		VADIANT (SEE VA	RIANT PARTS LIST)	D520	8-719-991-33	DIODE	1SS133T-77
C1413		,	RIANT PARTS LIST)	D520 D521	8-719-921-63		MTZJ-7.5B
C1415		,	RIANT PARTS LIST)				EGP20G
		,	•		△ 8-719-979-85		
C1416			RIANT PARTS LIST)	D531	8-719-979-85		EGP20G
C1417		VARIANT (SEE VA	RIANT PARTS LIST)	D534	8-719-302-43	DIODE	EL1Z
C1420			RIANT PARTS LIST)	D536	8-719-908-03		GP08D
C1501		VARIANT (SEE VA	RIANT PARTS LIST)	D561	8-719-908-03	DIODE	GP08D
	CONNECTOR	· }	•	D562	8-719-991-33	DIODE	1SS133T-77
	JOHN LOT OF	<u>.</u>		D1102	8-719-982-24		MTZJ-33A
CN106	1-508-784-00	PIN,CONNECTOR(5MM PITCH) 1P		△ 8-719-109-89		RD5.6ESB2
CN270	1-573-298-11	CONNECTOR, BOAI	RD TO BOARD 20P				
CN271		VARIANT (SEE VA	RIANT PARTS LIST)	D1247		VARIANT (SI	EE VARIANT PARTS LIST)
CN351	1-564-509-11	PLUG, CONNECTO	•	D1248			EE VARIANT PARTS LIST
CN461	1-564-507-11	PLUG, CONNECTOR	R 4P	D1261			EE VARIANT PARTS LIST
		,		D1262		•	EE VARIANT PARTS LIST
CN501	1-580-798-11	CONNECTOR PIN (DY) 6P	D1263	8-719-110-17	,	RD10ESB2
CN503	1-564-508-11	PLUG,CONNECTO		D1264	8-719-110-17	-	RD10ESB2
CN1001 *	1-564-512-11	PLUG, CONNECTO					
CN1101		•	RIANT PARTS LIST)		FERRITE BE	<u>:AU</u>	
CN1231			RIANT PARTS LIST)	FB501	1-410-396-41	FERRITE	0.45µH
				FB502	1-410-397-21		1.1µH
CN1641 *	1-564-515-11	PLUG,CONNECTOR	R 12P	FB503	1-410-397-21		1.1µH
CN1941	1 001 010 11		RIANT PARTS LIST)	1 2000		LIMMIL	1.1μ11
CN3003		,	RIANT PARTS LIST)		<u>IC</u>		
	DIODE	,	,	IC001	8-752-906-40		
				IC002	8-759-518-23		
D001	8-719-991-33		133T-77	IC003			EE VARIANT PARTS LIST
D002	8-719-109-89		.6ESB2		△ 8-752-082-73		
D003	8-719-991-33		133T-77	IC461	△ 8-759-980-43	IC TDA2009A	H
D004	8-719-110-17		0ESB2				
D005		VARIANT (SEE VA	RIANT PARTS LIST)	IC501	8-759-700-07		M-TE2
					△ 8-759-980-58		
D006		VARIANT (SEE VA	RIANT PARTS LIST)	IC1261		VARIANT (S	EE VARIANT PARTS LIST
D011	8-719-983-20	· ·	J-T-77-4.3C	IC1401		VARIANT (S	EE VARIANT PARTS LIST
D013	8-719-991-33		133T-77	IC1402			EE VARIANT PARTS LIST)
D014	8-719-991-33		133T-77		JACK	,	,
D015	8-719-991-33		133T-77		<u>unun</u>		
				J1232		VARIANT (SI	EE VARIANT PARTS LIST)
D353	8-719-991-33	DIODE 1SS	133T-77	J1233			EE VARIANT PARTS LIST)
D356	8-719-991-33		133T-77	J1234		•	EE VARIANT PARTS LIST)
D360	8-719-110-17		0ESB2		CHIB COND	•	- 151/
D362	8-719-991-33		133T-77		CHIP COND	UCIUK	
D368	0 1 10 001 00		RIANT PARTS LIST)	JR001		VARIANT (S	EE VARIANT PARTS LIST
D300 D462	8-719-991-33	· ·	133T-77	JR200			EE VARIANT PARTS LIST
			.6ESB2	JR351			EE VARIANT PARTS LIST
D501	8-719-109-89	NONE KD2	.ULJDZ	01/001		VAINAINI (O	LE VINNINI I AINTO LIOT



Common Parts Listing

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

REF.NO.	PARTNO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION		REM	ARK	
JR352		VARIANT (SEE VARIA	NT PARTS LIST)	Q356	8-729-216-22	TRANSISTOR	2SA1162-G			
JR501	1-216-295-91	,	,	Q357	8-729-422-27					
JR1264		VARIANT (SEE VARIA	NT PARTS LIST)	Q358	8-729-422-27	TRANSISTOR	2SD601A-Q			
JR1417		VARIANT (SEE VARIA		Q461	8-729-422-27	TRANSISTOR	2SD601A-Q			
JR1450		VARIANT (SEE VARIA		Q462	8-729-216-22	TRANSISTOR	2SA1162-G			
IDAAFA		\/ADIANT	NT DADTO LICT\	0504	0 700 440 50	TDANICICTOD	20022001	,		
JR1451 JR1454	1-216-295-91	VARIANT (SEE VARIAI SHORT	NI PARIS LIST)	Q501 Q502 2	8-729-140-50				١	
JR1456	1-216-295-91			Q502 Z	8-729-035-75 8-729-422-27		,)	
JR1801	1-216-295-91				△ 8-729-809-29					
JR1802	1-216-295-91			Q512 2	8-729-216-22					
0.1.002	. 2.0 200 0.	33		ζου.	0.101.01					
JR1803	1-216-295-91			Q552	8-729-422-27	TRANSISTOR				
JR1804	1-216-295-91			Q561	8-729-422-27					
JR4120	1-216-295-91	SHORT		Q562	8-729-422-27					
	COIL			Q563	8-729-105-08					
L001	1-408-421-00	INDUCTOR 100µH		Q1102	8-729-119-78	TRANSISTOR	2SC2785-H	FE		
L001 L002	1-408-421-00	•		Q1103	8-729-422-27	TRANSISTOR	2SD601A-0			
L003	1-410-470-11	•		Q1231	0 120 122 21	VARIANT (SE			S LIST)	
L004	1-410-470-11	•		Q1232		VARIANT (SE				
L352	1-412-537-31	•		Q1261		VARIANT (SE			,	
				Q1262		VARIANT (SE				
L461		VARIANT (SEE VARIA	NT PARTS LIST)	Q1263		VARIANT (SE			,	
L501 Z	△ 1-411-976-11	COIL,HORIZONTAL LIN			RESISTOR	,			,	
L502	1-412-552-11	INDUCTOR 2.2µH			KESISTOK					
L503	1-406-677-11	INDUCTOR 10µH		R001	1-216-045-00	RES,CHIP	680	5%	1/10W	
L511 Z	△ 1-406-607-41	INDUCTOR 15µH		R002	1-247-815-91	CARBON	220	5%	1/4W	
				R003	1-216-097-91	RES,CHIP	100K	5%	1/10W	
L517	1-412-552-11			R004	1-216-121-91	RES,CHIP	1M	5%	1/10W	
L541		VARIANT (SEE VARIA	NT PARTS LIST)	R006		VARIANT (SE	E VARIANT	PARTS	LIST)	
L1101	1-408-421-00									
L1102	1-410-470-11			R007	1-216-073-00	RES,CHIP	10K	5%	1/10W	
L1401		VARIANT (SEE VARIA	NI PARIS LIST)	R008	4 040 070 00	VARIANT (SE				
	<u>IC LINK</u>			R009	1-216-073-00	RES,CHIP	10K	5%	1/10W	
PS461 Z	↑ 1-532-984-11	LINK, IC 2A/90V		R010	1-216-037-00		330	5%	1/10W	
10401 2	TRANSISTO			R011	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
				R012		VARIANT (SE	E VARIANT	PARTS	LIST)	
Q001	8-729-216-22			R013	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
Q002	8-729-422-27			R014	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
Q003	8-729-422-27			R015	1-216-073-00	RES,CHIP	10K	5%	1/10W	
Q004	8-729-216-22		-	R016	1-216-073-00	RES,CHIP	10K	5%	1/10W	
Q010	8-729-422-27	TRANSISTOR 2SD601	A-Q	Doug	4 0 40 40 5 44	0.10001	4 714	= 0.4	4/404/	
Q011	Q_720_422_27	TRANSISTOR 2SD601	\ _0	R019	1-249-425-11	CARBON	4.7K	5%	1/4W	
Q011 Q012	8-729-422-27 8-729-422-27			R020	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
Q012 Q013	8-729-422-27			R021	1-216-033-00	RES,CHIP	220	5% 5%	1/10W	
Q013 Q014	8-729-422-27		-	R022	1-249-429-11	CARBON	10K	5%	1/4W	
Q014 Q015	8-729-422-27			R023	1-216-089-91	RES,CHIP	47K	5%	1/10W	
20.0	J. 15 122 21			R024 Z	△ 1-249-381-11	CARBON	1	5%	1/4W	F
Q016	8-729-422-27			R025	1-163-010-11	CERAMIC	0.0012	10%	50V	
Q017	8-729-216-22			R026	1-163-038-91	CERAMIC	0.1		25V	
Q018		VARIANT (SEE VARIA	The state of the s		△ 1-249-389-11	CARBON	4.7	5%	1/4W	F
	8-729-216-22			R028	1-249-417-11	CARBON	1K	5%	1/4W	
	№ 8-729-216-22									
	8-729-216-22			R029	1-216-025-91	RES,CHIP	100	5%	1/10W	
Q354	8-729-422-27	TRANSISTOR 2SD601	4-Q	R030	1-249-425-11	CARBON	4.7K	5%	1/4W	

Note:

Common Parts Listing



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REF.NO.	PART NO.	DESCRIPTION		REMA	<u>IRK</u>	REF.NO.	PART NO.	DESCRIPTION		REMA	ARK
R031 R032 R036	1-247-815-91 1-216-049-91		EE VARIANT 220 1K	PARTS 5% 5%	LIST) 1/4W 1/10W	R087 R089 R090	1-247-815-91	CARBON VARIANT (SE VARIANT (SE			
R037	1-216-049-91	,	1K	5%	1/10W	R092	1-249-429-11		10K	5%	1/4W
R038	1-216-049-91	RES,CHIP	1K	5%	1/10W	R093	↑ 1-249-387-11	CARBON	3.3	5%	1/4W F
R039	1-247-807-31		100	5%	1/4W		△ 1-249-381-11		1	5%	1/4W F
R040		VARIANT (SE			,	R096	1-216-351-00		1.5	5%	1W F
R041		VARIANT (SE			,	R097	1-216-065-91		4.7K	5%	1/10W
R042 R044		VARIANT (SE VARIANT (SE				R098 R099	1-216-065-91	VARIANT (SE RES,CHIP	4.7K	5%	1/10W
R045		VARIANT (SE	E VARIANT	PARTS	LIST)	R101		CARBON	1	5%	1/4W F
R046	1-247-815-91	CARBON	220	5%	1/4W	R102		VARIANT (SE			
R047	1-249-417-11	CARBON	1K	5%	1/4W	R104		VARIANT (SE			
R048	1-249-417-11	CARBON	1K	5%	1/4W	R131	1-216-035-00	RES,CHIP	270	5%	1/10W
R049	1-249-417-11	CARBON	1K	5%	1/4W	R132	1-216-115-00	RES,CHIP	560K	5%	1/10W
R052	1-216-061-00		3.3K	5%	1/10W	R133	1-216-039-00		390	5%	1/10W
R053	1-216-061-00		3.3K	5%	1/10W	R135	1-216-073-00	,	10K	5%	1/10W
R054	1-216-061-00		3.3K	5%	1/10W	R136	1-216-073-00		10K	5%	1/10W
R055	1-216-097-91	,	100K	5%	1/10W	R137	1-216-049-91	,	1K	5%	1/10W
R056	1-216-033-00	RES,CHIP	220	5%	1/10W	R353	1-208-788-11	RES,CHIP	1.8K	0.50%	1/10W
R057	1-249-417-11	CARBON	1K	5%	1/4W	R354	1-216-077-91	RES,CHIP	15K	5%	1/10W
R058	1-216-033-00		220	5%	1/10W	R355	1-216-033-00		220	5%	1/10W
R059		VARIANT (SE				R356	1-216-033-00		220	5%	1/10W
R060		VARIANT (SE				R358		VARIANT (S			
R061		VARIANT (SE	E VARIANT	PARTS	LIST)	R359		VARIANT (SE	E VARIANT	PARTS	LIST)
R062		VARIANT (SE				R360	4 040 005 04	VARIANT (SE			,
R063	4 040 000 00	VARIANT (SE			'	R361	1-216-025-91	,	100	5%	1/10W
R064	1-216-033-00		220	5%	1/10W	R362	1-216-025-91	,	100	5%	1/10W
R065 R066	1-216-033-00		220 220	5%	1/10W 1/10W	R363 R364	△ 1-216-025-91 1-216-101-00	•	100 150K	5% 5%	1/10W 1/10W
KU00	1-216-033-00	KES,UNIP	220	5%	1/1000	K304	1-210-101-00	KES,CHIP	IOUN	3 %	1/1000
R067	1-216-041-00		470	5%	1/10W	R365		VARIANT (SE		PARTS	LIST)
R068	1-247-815-91	CARBON	220	5%	1/4W	R366	1-216-089-91	,	47K	5%	1/10W
R069		VARIANT (SE				R367	1-216-097-91		100K		1/10W
R070	1-249-421-11	CARBON	2.2K	5%	1/4W	R368	1-249-441-11		100K	5%	1/4W
R071	1-247-815-91	CARBON	220	5%	1/4W	R369	1-216-097-91	RES,CHIP	100K	5%	1/10W
R072	1-216-033-00	RES,CHIP	220	5%	1/10W	R370	1-249-417-11	CARBON	1K	5%	1/4W
R073	1-216-033-00	RES,CHIP	220	5%	1/10W	R371	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
R074		VARIANT (SE	EE VARIANT	PARTS	S LIST)	R372	1-216-113-00	RES,CHIP	470K	5%	1/10W
R075		VARIANT (SE	EE VARIANT	PARTS	S LIST)	R373	1-216-073-00		10K	5%	1/10W
R076	1-216-033-00	RES,CHIP	220	5%	1/10W	R374		VARIANT (SE	E VARIANT	PARTS	LIST)
R077	1-216-033-00		220	5%	1/10W	R375	1-216-025-91		100	5%	1/10W
R078	1-249-417-11		1K	5%	1/4W	R376	1-216-073-00	RES,CHIP	10K	5%	1/10W
R079	1-216-033-00		220	5%	1/10W	R379	1-216-033-00		220	5%	1/10W
R080	1-216-065-91		4.7K	5%	1/10W	R380	1-247-815-91		220	5%	1/4W
R081	1-216-025-91	RES,CHIP	100	5%	1/10W	R381	1-247-815-91	CARBON	220	5%	1/4W
R082	1-216-025-91	RES,CHIP	100	5%	1/10W	R382	1-216-033-00	RES,CHIP	220	5%	1/10W
R083	1-249-429-11	CARBON	10K	5%	1/4W	R383	1-216-049-91		1K	5%	1/10W
R084	1-216-049-91	RES,CHIP	1K	5%	1/10W	R384	1-216-109-00		330K	5%	1/10W
R085		VARIANT (SE	EE VARIANT	PARTS	S LIST)	R385	1-249-422-11	CARBON	2.7K	5%	1/4W



The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

The components identified by ▶ in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding x-ray radiation. Should replacement be required, replace only with the value originally used.

REF.NO.	PART NO.	DESCRIPTION		<u>REM</u> A	<u>IRK</u>		REF.NO.	PART NO.	DESCRIPTION		REMA	<u>IRK</u>	
R386		VARIANT (SE	E VARIANT	PARTS	LIST)		R518	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R387	1-216-049-91	RES,CHIP	1K	5%	1/10W		R519	1-249-411-11	,	330	5%	1/4W	
R388	1-216-089-91	RES,CHIP	47K	5%	1/10W		R521	1-215-915-11		470	5%	3W	F
R389	1-216-067-00	RES,CHIP	5.6K	5%	1/10W		R523	. =	VARIANT (SE				
R390	1-216-035-00	RES,CHIP	270	5%	1/10W		R524	1-249-429-11	·	10K	5%	1/4W	
11000	1 210 000 00	NEO,OI III	210	3 /0	1/1044		NOZT	1 240 420 11	O/ INDOIN	TOIL	3 /0	1/711	
R391	1-208-810-11	RES,CHIP	15K		1/10W		R525	1-216-071-00		8.2K	5%	1/10W	
R392	1-216-025-91	RES,CHIP	100	5%	1/10W		R528	1-216-081-00		22K	5%	1/10W	
R393	1-216-043-91	RES,CHIP	560	5%	1/10W		R529		VARIANT (SE				
R394	1-216-059-00	RES,CHIP	2.7K	5%	1/10W			△ 1-208-808-11	RES,CHIP	12K	0.50%	1/10W	
R395	1-216-061-00	RES,CHIP	3.3K	5%	1/10W		▼ R531		VARIANT (SE	E VARIANT	PARTS	LIST)	
R396	1-249-417-11	CARBON	1K	5%	1/4W		R532	1-208-760-11	RES,CHIP	120	0.50%	1/10W	
R397	1-249-425-11	CARBON	4.7K	5%	1/4W		R533	1-200-700-11	VARIANT (SI				
R461	1-249-425-11	RES,CHIP	4.7K	5%	1/ 1 0W		R535		VARIANT (SI				
		•						^ 4 040 077 44					
R462	1-216-089-91	RES,CHIP	47K	5%	1/10W		R536	△ 1-249-377-11		0.47	5%	1/4W	F
R463	1-249-435-11	CARBON	33K	5%	1/4W		R537	△ 1-249-377-11	CARBON	0.47	5%	1/4W	F
R464	1-216-097-91	RES,CHIP	100K	5%	1/10W		R538	1-247-887-00	CARBON	220K	5%	1/4W	
R465	1-249-413-11	CARBON	470	5%	1/4W		R541		VARIANT (SI				
R466		VARIANT (SE					R542		VARIANT (SI				
R467	1-216-069-00	RES,CHIP	6.8K	5%	1/10W			△ 1-249-377-11		0.47	5%	1/4W	F
R469	1-210-003-00	VARIANT (SE					R546	A 1-2-3-311-11	VARIANT (SE				
11403		VAINIAINI (OL	L VAINIAINI	IAINIO	LIOI)		11040		VAINIANI (OL	-L VAINIAINI	IANIO	LIGIJ	
R470	1-216-077-91	RES,CHIP	15K	5%	1/10W		R547	1-215-457-00	METAL	33K	1%	1/4W	
R471	1-216-069-00	RES,CHIP	6.8K	5%	1/10W		R549		METAL	4.7K	1%	1/4W	
R472		VARIANT (SE	EE VARIANT	PARTS	S LIST)		R550	△ 1-249-377-11	CARBON	0.47	5%	1/4W	F
R473	1-249-398-11	CARBON	27	5%	1/4W		R551	1-215-873-00	METAL	4.7K	5%	1W	F
R474	1-216-077-91	RES,CHIP	15K	5%	1/10W		R552	1-216-069-00	RES,CHIP	6.8K	5%	1/10W	
R475	1-249-430-11	CARBON	12K	5%	1/4W		R553	△ 1-260-288-11	CARBON	0.47	5%	1/2W	
R476	1-249-430-11	CARBON	12K	5%	1/4W		R554	1-216-057-00		2.2K	5%	1/10W	
R477	1-249-398-11	CARBON	27	5%	1/4W		R561	1-216-073-00	,	10K	5%	1/10W	
						г							_
R478	1-249-418-11	CARBON	1.2K	5%	1/4W	F	R563	1-216-351-00		1.5	5%	1W	F
R479	1-249-418-11	CARBON	1.2K	5%	1/4W	F	R564	1-249-393-11	CARBON	10	5%	1/4W	
R480	1-249-385-11	CARBON	2.2	5%	1/4W	F	R565	1-215-890-11	METAL	470	5%	2W	F
R481	1-249-385-11	CARBON	2.2	5%	1/4W	F	R566	1-216-073-00		10K	5%	1/10W	
R482	1-249-421-11	CARBON	2.2K	5%	1/4W	·	R567	1-249-385-11	,	2.2	5%	1/4W	F
R483	1-249-421-11	CARBON	2.2K	5%	1/4W		R568	1-216-073-00		10K	5%	1/10W	•
R501	1-216-037-00	RES,CHIP	330	5%	1/10W		R569	1-216-073-00		10K	5%	1/10W	
NJUT	1-210-037-00	NEO,OHIIF	330	3/0	1/1000		1,009	1-210-073-00	NEO,OHIIF	TUIX	3/0	1/1000	
R502	1-216-061-00	RES,CHIP	3.3K	5%	1/10W		R570	1-216-097-91	,	100K	5%	1/10W	
R503	1-249-426-11	CARBON	5.6K	5%	1/4W	F	R571	1-216-081-00	RES,CHIP	22K	5%	1/10W	
R504	1-215-915-11	METAL	470	5%	3W	F	R572	1-216-081-00	RES,CHIP	22K	5%	1/10W	
R505	1-249-431-11	CARBON	15K	5%	1/4W		R573	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R506	1-215-861-00	METAL	47	5%	1W	F	R574	△ 1-216-365-00		0.47	5%	2W	F
DEOT	1 040 404 44	CVDDOM	47	E0/	4 / 4\4\		DETE	1 046 440 00	מרט פוווים	4701/	E0/	1/10\\\	
R507	1-249-401-11	CARBON	47	5%	1/4W		R575	1-216-113-00		470K	5% 50/	1/10W	
R508	1-249-427-11	CARBON	6.8K	5%	1/4W	_	R576	1-216-073-00	•	10K	5%	1/10W	
R509	1-247-750-11	CARBON	680	5%	1/2W	F	R577	1-216-097-91		100K	5%	1/10W	
R510	1-215-860-11	METAL	33	5%	1W	F	R578	1-208-784-11	,	1.2K		1/10W	
R511		VARIANT (SE	E VARIANT	PARTS	LIST)		R579	1-208-842-11	RES,CHIP	330K	0.50%	1/10W	
R512	1-215-911-11	METAL	100	5%	3W	F	R580	1-249-441-11	CARBON	100K	5%	1/4W	
R515	1-210-311-11	VARIANT (SE					R1009	1-4 73-44 1*11	VARIANT (SI				
R516	1 216 057 00												
	1-216-057-00	RES,CHIP	2.2K	5% 5%	1/10W		R1010	4 040 040 04	VARIANT (SI			-	
R517	1-249-415-11	CARBON	680	5%	1/4W		R1101	1-216-049-91	RES,CHIP	1K	5%	1/10W	

Note:

Common Parts Listing



The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

	REF.NO.	PART NO.	DESCRIPTION		REM	ARK		REF.NO.	PART NO.	DESCRIPTION		REM	ARK
R1105 1-216-034-00 RES.CHIP 12K 59, 1/10W R1268 VARIANT [SEE VARIANT FARTS LIST] R106 1-216-0349-91 RES.CHIP 30K 59, 1/10W R1270 VARIANT [SEE VARIANT FARTS LIST] VAR	R1102	1-215-900-11	METAL	22K	5%	2W	F	R1266		VARIANT (SI	EE VARIANT	PARTS	LIST)
R1106 12-16-03-00 RESCHIP 27K 9% 1/10W R1273	R1103	1-216-051-00											
RESCHIP Second													
R1106										,			,
R1108 12-16-073-00 RES.CHP 10K 9% 11/10W R1277 VARIANT (SEE VARIANT PARTS LIST) R1100 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1111 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1111 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1111 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1118 12-249-425-11 CARBON 4.7K 9% 14/10W R1294 VARIANT (SEE VARIANT PARTS LIST) R1118 12-249-425-11 CARBON 4.7K 9% 14/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1120 12-16-035-00 RES.CHP 270 9% 11/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1121 12-16-035-00 RES.CHP 270 9% 11/10W R1298 VARIANT (SEE VARIANT PARTS LIST) R1122 12-16-035-00 RES.CHP 270 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1123 12-16-035-00 RES.CHP 390 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1126 12-16-035-00 RES.CHP 22K 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1126 12-16-035-00 RES.CHP 20 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1126 12-16-035-00 RES.CHP 390 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1291 VARIANT (SEE VARIANT PARTS LIST) R1291 VARIANT (SEE VARIANT PARTS LIST) R1291 VARIANT (SEE VARIANT PARTS LIST) R1292 VARIANT (SEE VARIANT PARTS LIST) R1391 VARIANT (SEE VARIANT PARTS LIST) R1392 VARIANT (SEE VARIANT PARTS LIST) R1393 VARIANT (SEE VARIANT PARTS LIST) R1394 VARIANT (SEE VARIANT PARTS LIST) R1395 VARIANT (SEE VARIANT PARTS LIST) R1396 VARIANT (SEE VARIANT PARTS LIST) R1410 VARIANT													
R1108 12-16-073-00 RES.CHP 10K 9% 11/10W R1277 VARIANT (SEE VARIANT PARTS LIST) R1100 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1111 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1111 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1111 12-16-019-00 RES.CHP 56 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1118 12-249-425-11 CARBON 4.7K 9% 14/10W R1294 VARIANT (SEE VARIANT PARTS LIST) R1118 12-249-425-11 CARBON 4.7K 9% 14/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1120 12-16-035-00 RES.CHP 270 9% 11/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1121 12-16-035-00 RES.CHP 270 9% 11/10W R1298 VARIANT (SEE VARIANT PARTS LIST) R1122 12-16-035-00 RES.CHP 270 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1123 12-16-035-00 RES.CHP 390 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1126 12-16-035-00 RES.CHP 22K 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1126 12-16-035-00 RES.CHP 20 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1126 12-16-035-00 RES.CHP 390 9% 11/10W R1290 VARIANT (SEE VARIANT PARTS LIST) R1291 VARIANT (SEE VARIANT PARTS LIST) R1291 VARIANT (SEE VARIANT PARTS LIST) R1291 VARIANT (SEE VARIANT PARTS LIST) R1292 VARIANT (SEE VARIANT PARTS LIST) R1391 VARIANT (SEE VARIANT PARTS LIST) R1392 VARIANT (SEE VARIANT PARTS LIST) R1393 VARIANT (SEE VARIANT PARTS LIST) R1394 VARIANT (SEE VARIANT PARTS LIST) R1395 VARIANT (SEE VARIANT PARTS LIST) R1396 VARIANT (SEE VARIANT PARTS LIST) R1410 VARIANT	R1107	1-216-065-91	RES CHIP	∆ 7K	5%	1/10W/		R1274		VARIANT (SI	FF VARIANT	PARTS	(TZLL)
R1109 1-216-019-00 RES.CHIP 56 59 11/10W R1290													
1-216-019-00 RES,CHIP 56 96 1/10W R1282 VARIANT (SEE VARIANT PARTS LIST)													
R1121										,			,
R1115													
R1117 1-249-425-11 CARBON 4.7K 5% 14W R1296 VARIANT [SEE VARIANT PARTS LIST] R1120 1-240-637-00 RES.CHIP 2.7K 5% 140W R1296 VARIANT [SEE VARIANT PARTS LIST] R1121 1-210-035-00 RES.CHIP 2.7K 5% 1/10W R1298 VARIANT [SEE VARIANT PARTS LIST] R1121 1-210-035-00 RES.CHIP 2.7K 5% 1/10W R1298 VARIANT [SEE VARIANT PARTS LIST] R1122 1-216-1035-00 RES.CHIP 2.7K 5% 1/10W R1290 VARIANT [SEE VARIANT PARTS LIST] R1123 1-216-039-00 RES.CHIP 2.9K 5% 1/10W R1291 VARIANT [SEE VARIANT PARTS LIST] R1126 1-216-037-00 RES.CHIP 2.7K 5% 1/10W R1292 VARIANT [SEE VARIANT PARTS LIST] R1126 1-216-035-00 RES.CHIP 2.7K 5% 1/10W R1292 VARIANT [SEE VARIANT PARTS LIST] R1126 1-216-035-00 RES.CHIP 2.7K 5% 1/10W R1294 VARIANT [SEE VARIANT PARTS LIST] R1126 1-216-035-00 RES.CHIP 2.7K 5% 1/10W R1294 VARIANT [SEE VARIANT PARTS LIST] R1126 1-216-035-00 RES.CHIP 2.7K 5% 1/10W R1294 VARIANT [SEE VARIANT PARTS LIST] R1126 1-216-037-00 RES.CHIP 2.7K 5% 1/10W R1296 VARIANT [SEE VARIANT PARTS LIST] R1126 1-216-037-00 RES.CHIP 2.7K 5% 1/10W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 CARBON 2.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 CARBON 2.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 CARBON 2.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 CARBON 2.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 CARBON 2.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 CARBON 2.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 CARBON 2.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 RES.CHIP 0.0D 5% 1/4W R1296 VARIANT [SEE VARIANT PARTS LIST] R1326 1-247-815-91 RES.CHIP	KIIII	1 210 010 00	NEO,OTIII	00	0/0	1/1011		KIZOZ		V/11(1/1141 (OI	LL V/((()/((V)	171110	LIOT
R1118					5%								
R1120													
R1122													
R1122	R1120	1-216-057-00	RES,CHIP	2.2K	5%	1/10W		R1287		,			,
R1123	R1121	1-216-035-00	RES,CHIP	270	5%	1/10W		R1288		VARIANT (SI	EE VARIANT	PARTS	LIST)
R1126	R1122	1-216-115-00		560K	5%	1/10W		R1290		VARIANT (SI	EE VARIANT	PARTS	LIST)
R1126 1-216-035-00 RES,CHIP 270 5% 1/10W R1294 VARIANT (SEE VARIANT PARTS LIST) R1351 1-247-815-91 CARBON 220 5% 1/4W VARIANT (SEE VARIANT PARTS LIST) R1352 1-247-815-91 CARBON 220 5% 1/4W VARIANT (SEE VARIANT PARTS LIST) R1352 1-247-815-91 CARBON 220 5% 1/4W VARIANT (SEE VARIANT PARTS LIST) R1353 1-247-815-91 CARBON 220 5% 1/4W VARIANT (SEE VARIANT PARTS LIST) R1354 1-216-033-00 RES,CHIP 220 5% 1/4W VARIANT (SEE VARIANT PARTS LIST) R1354 1-216-025-91 RES,CHIP 100 5% 1/10W R1245 VARIANT (SEE VARIANT PARTS LIST) R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1359 1-216-025-91 RES,CHIP 100 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 100 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 100 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 100 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 100 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 100 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 100 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1362 1-216-055-91 RES,CHIP 100 5% 1/10W 1	R1123	1-216-039-00		390	5%	1/10W		R1291		VARIANT (S	EE VARIANT	PART	S LIST)
R1127 1-216-115-00 RES,CHIP 560K 5% 1/10W R1294 VARIANT (SEE VARIANT PARTS LIST)	R1125	1-216-057-00	RES,CHIP	2.2K	5%	1/10W		R1292		VARIANT (S	EE VARIANT	PART	S LIST)
R1128 1-216-039-00 RES,CHIP 390 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1324 VARIANT (SEE VARIANT PARTS LIST) R1351 1-247-815-91 CARBON 220 5% 1/4W R1296 VARIANT (SEE VARIANT PARTS LIST) R1352 1-247-815-91 CARBON 220 5% 1/4W R1296 VARIANT (SEE VARIANT PARTS LIST) R1352 1-247-815-91 CARBON 220 5% 1/4W R1296 VARIANT (SEE VARIANT PARTS LIST) R1352 1-247-815-91 CARBON 220 5% 1/4W R1296 VARIANT (SEE VARIANT PARTS LIST) R1352 1-247-815-91 CARBON 220 5% 1/4W R1296 VARIANT (SEE VARIANT PARTS LIST) R1352 1-247-815-91 CARBON 220 5% 1/4W R1296 VARIANT (SEE VARIANT PARTS LIST) R1353 1-247-815-91 CARBON 220 5% 1/4W R1296 VARIANT (SEE VARIANT PARTS LIST) R1354 1-216-033-00 RES,CHIP 220 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1358 1-247-807-31 CARBON 100 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1358 1-247-807-31 CARBON 100 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1360 1-216-025-91 RES,CHIP 100 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1360 1-216-035-91 RES,CHIP 100 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-035-91 RES,CHIP 4.7K 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) R1411 VARIANT (SEE VARIANT PARTS LIST) R1412 VARIANT (SEE VARIANT PARTS LIST) R1413 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1415 VARIANT (SEE VARIANT PARTS LIST) R1416 VARIANT (SEE VARIANT PARTS LIST) R1417 VARIANT (SEE VARIANT PARTS LIST) R1418 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT		1-216-035-00		270	5%			R1293					
R1130 1-216-057-00 RES,CHIP 2.2K 5% 1/10W R1296 VARIANT (SEE VARIANT PARTS LIST) VARIANT (SEE VARIANT PARTS LIST) R1351 1-247-815-91 CARBON 220 5% 1/4W R1241 VARIANT (SEE VARIANT PARTS LIST) R1353 1-247-815-91 CARBON 220 5% 1/4W R1241 VARIANT (SEE VARIANT PARTS LIST) R1353 1-247-815-91 CARBON 220 5% 1/4W R1241 VARIANT (SEE VARIANT PARTS LIST) R1353 1-247-815-91 CARBON 220 5% 1/4W R1242 VARIANT (SEE VARIANT PARTS LIST) R1354 1-216-033-00 RES,CHIP 220 5% 1/10W R1243 VARIANT (SEE VARIANT PARTS LIST) R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1244 VARIANT (SEE VARIANT PARTS LIST) R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1356 1-247-807-31 CARBON 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1358 1-247-807-31 CARBON 100 5% 1/10W R1248 VARIANT (SEE VARIANT PARTS LIST) R1359 1-216-025-91 RES,CHIP 100 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1359 1-216-025-91 RES,CHIP 100 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1360 1-216-065-01 RES,CHIP 0.0 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-01 RES,CHIP 4.7K 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1362 1-216-025-91 RES,CHIP 4.7K 5% 1/10W R1251 VARIANT (SEE VARIANT PARTS LIST) R1411 VARIANT (SEE VARIANT PARTS LIST) R1412 VARIANT (SEE VARIANT PARTS LIST) R1413 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1415 VARIANT (SEE VARIANT PARTS LIST) R1416 VARIANT (SEE VARIANT PARTS LIST) R1417 VARIANT (SEE VARIANT PARTS LIST) R1418 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT (SEE VARIANT PARTS LIST) R1420 VARIANT (SEE VARIANT PARTS LIST) VARI	R1127	1-216-115-00	RES,CHIP	560K	5%	1/10W		R1294		VARIANT (SI	EE VARIANT	PARTS	LIST)
R1234	R1128	1-216-039-00			5%			R1295					
R1240	R1130	1-216-057-00						R1296		VARIANT (SI	EE VARIANT	PARTS	LIST)
R1241 VARIANT (SEE VARIANT PARTS LIST) R1353 1-247-815-91 CARBON 220 5% 1/4W R1242 VARIANT (SEE VARIANT PARTS LIST) R1354 1-216-033-00 RES,CHIP 220 5% 1/10W R1243 VARIANT (SEE VARIANT PARTS LIST) R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1244 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1245 VARIANT (SEE VARIANT PARTS LIST) R1357 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1358 1-247-807-31 CARBON 100 5% 1/10W R1247 VARIANT (SEE VARIANT PARTS LIST) R1359 1-216-025-91 RES,CHIP P. 6.8K 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1360 1-216-065-91 RES,CHIP P. 6.8K 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1362 1-216-025-91 RES,CHIP P. 6.8K 5%	R1234							R1351	1-247-815-91	CARBON	220		1/4W
R1242 VARIANT (SEE VARIANT PARTS LIST) R1354 1-216-033-00 RES,CHIP 220 5% 1/10W R1243 VARIANT (SEE VARIANT PARTS LIST) R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1244 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1245 VARIANT (SEE VARIANT PARTS LIST) R1357 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1357 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1358 1-247-807-31 CARBON 100 5% 1/10W R1248 VARIANT (SEE VARIANT PARTS LIST) R1359 1-216-025-91 RES,CHIP 100 5% 1/10W R1248 VARIANT (SEE VARIANT PARTS LIST) R1360 1-216-069-00 RES,CHIP 6.8K 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-069-00 RES,CHIP 4.7K 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1362 1-216-025-91 RES,CHIP 4.7K 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1362 1-216-025-91 RES,CHIP 4.7K 5% 1/10W R1254 VARIANT (SEE VARIANT PARTS LIST) R1407 VARIANT (SEE VARIANT PARTS LIST) R1410 VARIANT (SEE VARIANT PARTS LIST) R1411 VARIANT (SEE VARIANT PARTS LIST) R1412 VARIANT (SEE VARIANT PARTS LIST) R1413 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1415 VARIANT (SEE VARIANT PARTS LIST) R1416 VARIANT (SEE VARIANT PARTS LIST) R1417 VARIANT (SEE VARIANT PARTS LIST) R1418 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT (SEE VARIANT PARTS LIST) R1420 VARIANT (SEE VARIANT PARTS LIST) R1421 VARIANT (SEE VARIANT PARTS LIST)	R1240							R1352	1-247-815-91	CARBON	220	5%	1/4W
R1243 VARIANT (SEE VARIANT PARTS LIST) R1355 1-216-025-91 RES,CHIP 100 5% 1/10W R1244 VARIANT (SEE VARIANT PARTS LIST) R1356 1-216-025-91 RES,CHIP 100 5% 1/10W R1245 VARIANT (SEE VARIANT PARTS LIST) R1357 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1357 1-216-025-91 RES,CHIP 100 5% 1/10W R1246 VARIANT (SEE VARIANT PARTS LIST) R1358 1-247-807-31 CARBON 100 5% 1/10W R1248 VARIANT (SEE VARIANT PARTS LIST) R1359 1-216-025-91 RES,CHIP 100 5% 1/10W R1248 VARIANT (SEE VARIANT PARTS LIST) R1360 1-216-065-91 RES,CHIP 6.8K 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1362 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1407 VARIANT (SEE VARIANT PARTS LIST) R1407 VARIANT (SEE VARIANT PARTS LIST) R1407 VARIANT (SEE VARIANT PARTS LIST) R1410 VARIANT (SEE VARIANT PARTS LIST) R1411 VARIANT (SEE VARIANT PARTS LIST) R1412 VARIANT (SEE VARIANT PARTS LIST) R1413 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1415 VARIANT (SEE VARIANT PARTS LIST) R1416 VARIANT (SEE VARIANT PARTS LIST) R1417 VARIANT (SEE VARIANT PARTS LIST) R1418 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT (SEE VARIANT PARTS LIST) R1426 VARIANT (SEE VARIANT PARTS LIST) R1421 VARIANT (SEE VARIANT PARTS LIST) R1426 VARIANT (SEE VARIANT PARTS LIST) R1421 VARIANT (SEE VARIANT PARTS LIST) R1421 VARIANT (SEE VARIANT PARTS LIST) R1426 VARIANT (SEE VARIANT PARTS LIST) R1421 VARIANT (SEE VARIANT PARTS LIST) R1426 VARIANT (SEE VARIANT PARTS LIST) VARIANT (SEE VARIA	R1241		VARIANT (SE	E VARIANT	PARTS	S LIST)		R1353	1-247-815-91	CARBON	220	5%	1/4W
R1244	R1242		VARIANT (SE	E VARIANT	PARTS	S LIST)		R1354	1-216-033-00	RES,CHIP	220	5%	1/10W
R1245	R1243		VARIANT (SI	EE VARIAN	T PART	S LIST)		R1355	1-216-025-91	RES,CHIP	100	5%	1/10W
R1246 VARIANT (SEE VARIANT PARTS LIST) R1358 1-247-807-31 CARBON 100 5% 1/4W	R1244		VARIANT (SI	EE VARIAN	T PART	S LIST)		R1356	1-216-025-91	RES,CHIP	100	5%	1/10W
R1247	R1245							R1357	1-216-025-91	RES,CHIP	100	5%	1/10W
R1248 VARIANT (SEE VARIANT PARTS LIST) R1360 1-216-069-00 RES,CHIP 6.8K 5% 1/10W R1249 VARIANT (SEE VARIANT PARTS LIST) R1361 1-216-065-91 RES,CHIP 4.7K 5% 1/10W R1250 VARIANT (SEE VARIANT PARTS LIST) R1362 1-216-295-91 SHORT SHORT R1251 VARIANT (SEE VARIANT PARTS LIST) R1410 VARIANT (SEE VARIANT PARTS LIST) VARIANT (SEE VARIANT PARTS LIST) R1411 VARIANT (SEE VARIANT PARTS LIST) R1412 VARIANT (SEE VARIANT PARTS LIST) R1412 VARIANT (SEE VARIANT PARTS LIST) R1413 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1414 VARIANT (SEE VARIANT PARTS LIST) R1415 VARIANT (SEE VARIANT PARTS LIST) R1415 VARIANT (SEE VARIANT PARTS LIST) R1418 VARIANT (SEE VARIANT PARTS LIST) R1418 VARIANT (SEE VARIANT PARTS LIST) R1419 VARIANT (SEE VARIANT PARTS LIST) R1420 VARIANT (SEE VARIANT PARTS LIST) R1420 VARIANT (SEE VARIANT PARTS LIST) R1421 VARIANT (SEE VARIANT PARTS LIST) VARIANT (SEE VARIANT PARTS LIST) R1421	R1246		VARIANT (SE	E VARIANT	PARTS	S LIST)		R1358	1-247-807-31	CARBON	100	5%	1/4W
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	R1263							R1425					
R1265 VARIANT (SEE VARIANT PARTS LIST)			•			,				,			•
	R1265		VARIANT (SI	EE VARIAN	T PART	S LIST)							



Common Parts Listing

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

REF.NO. PART NO.

Note:

DESCRIPTION

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

<u>REMARK</u>

REF.NO.	PART NO.	DESCRIPTION	REMARK
	SWITCH		
\$001 \$002 \$003 \$004 \$005		VARIANT (SEE VA VARIANT (SEE VA VARIANT (SEE VA	RIANT PARTS LIST) RIANT PARTS LIST) RIANT PARTS LIST) RIANT PARTS LIST) RIANT PARTS LIST)
\$006 \$007 \$501	1-572-707-1 TRANSFOR	VARIANT (SEE VA 1 SWITCH, LEVER	ARIANT PARTS LIST) ARIANT PARTS LIST)
T501 T502 T503 T504	1-437-210-1	VARIANT (SEE VA	ORIZONTAL DRIVE IRIANT PARTS LIST) IRIANT PARTS LIST) IRIANT PARTS LIST)
	<u>TUNER</u>		
TU102 2	8-598-431-0 CRYSTAL	0 TUNER, FSS BTF-	WA411
X001 X353 X354	1-578-774-1 1-567-505-1 1-577-611-1	1 OSCILLATOR, CR	YSTAL

Note: Note:

Variant Parts Listing



The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The parts on this page belong to the following model(s) only: **KV-32S42**

	and proce per manual of the								111	32072			
REF.NO	<u>.</u>	PARTNO.	DESCRIPTION	[REN	IARK	REF.NO.	PART NO.	DESCRIPTION		REN	<u>MARK</u>	
۸ D.	~~	ırd Varia	nt Borto	Lict				CONNECTOR					
KV-3			III Fai 15	LISI			CN1941 *	1-564-508-11	PLUG, CONNE	ECTOR 5P			
rv-	2	342						DIODE					
	*	A-1299-001-A CAPACITOR	A COMPLET	E PC BOARD)		D005 D006 D1247	8-719-991-33 1-810-039-31 8-719-110-17	DIODE LED UNIT DIODE	1SS133T-77			
C068 C370 C375		1-164-096-11 1-163-037-11 1-165-319-11	CERAMIC CERAMIC CERAMIC	0.01μF 0.022μF 0.1μF	10%	50V 50V 50V	D1248 D1261 D1262	8-719-981-99 8-719-110-17 8-719-110-17	DIODE DIODE DIODE	MTZJ-3.3 RD10ESB2 RD10ESB2			
C461		1-126-933-11	ELECT	100µF	20%	16V		<u>IC</u>					
C513	Δ	1-130-895-00	FILM	0.056µF	5%	400V	IC003	8-742-134-00	HYB IC SBX1	981-51P			
C520	Δ	1-104-844-11	FILM CERAMIC	0.62μF 1000pF	5% 10%	200V 500V	IC1261 IC1401 IC1402	8-759-366-77 8-752-072-39 8-759-100-96	IC MM1311AE IC CXA2021S IC UPC4558G				
C521 C537		1-164-161-11 1-126-941-11	CERAMIC ELECT	0.0022μF 470μF	10% 20%	50V 25V		<u>JACK</u>					
C539 C1236		1-126-935-11	ELECT CERAMIC	470μF 0.01μF	20%	16V 50V	J1232 J1234	1-774-751-11 1-774-750-11	TERMINAL BL JACK BLOCK				
C1237		1-163-031-11 1-136-161-00	FILM	0.047µF	5%	50V		CHIP CONDUC		,			
C1238		1-136-161-00	FILM	0.047µF	5%	50V	JR351	1-216-295-91	SHORT				
C1239 C1240		1-126-960-11 1-126-960-11	ELECT ELECT	1μF 1μF	20% 20%	50V 50V	JR352 JR1264	1-216-295-91 1-216-295-91	SHORT SHORT				
C1244 C1245		1-126-959-11 1-126-959-11	ELECT ELECT	0.47μF 0.47μF	20% 20%	50V 50V	JR1450 JR1451	1-216-295-91 1-216-295-91	SHORT SHORT				
C1261		1-104-664-11	ELECT	47μF	20%	16V		COIL					
C1262		1-104-664-11	ELECT	47μF	20%	16V							
C1263		1-126-960-11	ELECT	1µF	20%	50V	L461 L1401	1-408-602-31 1-410-494-11	INDUCTOR INDUCTOR	8.2µH 1µH			
C1264		1-126-960-11	ELECT	1μF	20%	50V		TRANSISTOR					
C1267		1-136-161-00	FILM	0.047µF	5%	50V							
C1268		1-126-960-11	ELECT	1µF	20%	50V	Q1231	8-729-422-27	TRANSISTOR				
C1269 C1293		1-126-960-11 1-163-251-11	ELECT CERAMIC	1μF 100pF	20% 5%	50V 50V	Q1232 Q1261	8-729-422-27 8-729-216-22	TRANSISTOR TRANSISTOR				
C1293			ELECT	0.47μF	20%	50V	Q1262	8-729-216-22	TRANSISTOR	2SA1162-G			
C1401		1-126-959-11 1-104-664-11	ELECT	0.47μF 47μF	20%	25V	Q1263	8-729-422-27	TRANSISTOR	2SD601A-Q			
C1403		1-126-959-11	ELECT	0.47µF	20%	50V		<u>RESISTOR</u>					
C1404		1-126-956-91	ELECT	0.1µF	20%	50V	R044	1-216-033-00	RES,CHIP	220	5%	1/10W	
C1405		1-163-017-00	CERAMIC	0.0047µF	10%	50V	R059 R060	1-216-047-91 1-216-049-91	RES,CHIP RES,CHIP	820 1K	5% 5%	1/10W 1/10W	
C1406		1-126-956-91	ELECT	0.1µF	20%	50V	R061	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	
C1407		1-163-017-00	CERAMIC	0.0047µF	10%	50V	R062	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
C1408		1-126-963-11	ELECT	4.7µF	20%	50V					0,0	.,	
C1409		1-126-963-11	ELECT	4.7µF	20%	50V	R063	1-216-073-00	RES,CHIP	10K	5%	1/10W	
C1410		1-126-956-91	ELECT	0.1µF	20%	50V	R074	1-216-033-00	RES,CHIP	220	5%	1/10W	
C1411 C1413		1-165-319-11	CERAMIC ELECT	0.1µF	20%	50V 50V	R075 R098 △	1-216-033-00 1-249-385-11	RES,CHIP CARBON	220 2.2	5% 5%	1/10W 1/4W	F
C1413		1-126-963-11	ELECT	4.7µF	20%	50V 50V	R365	1-216-101-00	RES,CHIP	150K	5%	1/10W	
C1415		1-126-964-11 1-126-963-11	ELECT	10μF 4.7μF	20%	50V 50V		. 2.0 101 00	0,0,	. • • • • • • • • • • • • • • • • • • •	2,0	.,	
C1416		1-126-963-11	ELECT	4.7μF 1000μF	20%	16V	R374	1-216-125-00	RES,CHIP	1.5M	5%	1/10W	
J1711		1 120 101-11	LLLVI	ισσομι	20/0	101	R466	1-249-388-11	CARBON	3.9	5%	1/4W	F
C1420		1-126-963-11	ELECT	4.7µF	20%	50V	R469	1-216-069-00	RES,CHIP	6.8K	5%	1/10W	
C1501		1-115-462-11	FILM	0.12µF	5%	200V	R472 R511	1-216-069-00 1-215-885-00	RES,CHIP METAL	6.8K 68	5% 5%	1/10W 2W	F
								. = .0 000 00		5 0	3 /0		•



R1294

1-216-049-91

RES,CHIP

1K

Variant Parts Listing

The parts on this page belong to the following model(s) only: KV-32S42

Note:

The components identified by shading and mark $\boldsymbol{\triangle}$ are critical for safety. Replace only with part number specified.

Note:

The components identified by M in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding x-ray radiation. Should replacement be required, replace only with the value originally used.

> 1/10W 1/10W

1/10W 1/10W

1/10W

1/10W 1/10W 1/10W

1/10W

1/10W

1/10W 1/10W 1/4W

											With	ine value origin	ially usec		
	REF.NO.	!	PART NO.	DESCRIPTION		REM	ARK			REF.NO.	PART NO.	DESCRIPTION		REN	<u>IARK</u>
	R515		1-216-083-00	RES,CHIP	27K	5%	1/10W			R1295	1-216-049-91	RES,CHIP	1K	5%	1/10\
	R523		1-216-073-00	RES,CHIP	10K	5%	1/10W			R1407	1-216-073-00	RES,CHIP	10K	5%	1/10\
	R529		1-208-814-91	RES,CHIP	22K		1/10W			R1410	1-216-121-91	RES,CHIP	1M	5%	1/10
×		Δ	1-208-826-11	RES,CHIP	68K		1/10W			R1411	1-216-073-00	RES,CHIP	10K	5%	1/10
_	R533		1-215-902-11	METAL	47K	5%	1W	F		R1412	1-216-081-00	RES,CHIP	22K	5%	1/10V
	R535		1-216-101-00	RES,CHIP	150K	5%	1/10W			R1413	1-216-089-91	RES,CHIP	47K	5%	1/10V
	R546		1-215-453-00	METAL	22K	1%	1/4W			R1414	1-216-089-91	RES,CHIP	47K	5%	1/10\
	R1009		1-216-033-00	RES,CHIP	220	5%	1/10W			R1415	1-216-025-91	RES,CHIP	100	5%	1/10
	R1010		1-216-033-00	RES,CHIP	220	5%	1/10W			R1418	1-216-081-00	RES,CHIP	22K	5%	1/10
	R1234		1-249-441-11	CARBON	100K	5%	1/4W			R1419	1-216-089-91	RES,CHIP	47K	5%	1/10
	R1240		1-216-022-00	RES,CHIP	75	5%	1/10W			R1420	1-216-089-91	RES,CHIP	47K	5%	1/10V
	R1241		1-216-022-00	RES,CHIP	75	5%	1/10W			R1421	1-216-025-91	RES,CHIP	100	5%	1/10\
	R1242		1-216-065-91	RES,CHIP	4.7K	5%	1/10W			R1424	1-247-815-91	CARBON	220	5%	1/4W
	R1243		1-249-441-11	CARBON	100K	5%	1/4W			R1425	1-247-815-91	CARBON	220	5%	1/4W
	R1244		1-216-022-00	RES,CHIP	75	5%	1/10W				<u>SWITCH</u>				
	R1245		1-216-113-00	RES,CHIP	470K	5%	1/10W			S001	1-692-431-21	SWITCH, TAC	CTILE		
	R1246		1-216-065-91	RES,CHIP	4.7K	5%	1/10W			S002	1-692-431-21	SWITCH, TAC			
	R1247		1-216-113-00	RES,CHIP	470K	5%	1/10W			S003	1-692-431-21	SWITCH, TAC			
	R1248		1-216-065-91	RES,CHIP	4.7K	5%	1/10W			S004	1-692-431-21	SWITCH, TAC			
	R1254		1-216-113-00	RES,CHIP	470K	5%	1/10W			S005	1-692-431-21	SWITCH, TAC			
	R1255		1-216-049-91	RES,CHIP	1K	5%	1/10W			S006	1-692-431-21	SWITCH, TAC	CTILE		
	R1256		1-216-113-00	RES,CHIP	470K	5%	1/10W			S007	1-692-431-21	SWITCH, TAC			
	R1257		1-216-049-91	RES,CHIP	1K	5%	1/10W				TRANSFORM				
	R1258		1-216-061-00	RES,CHIP	3.3K	5%	1/10W				INANGFUNI	<u>IEN</u>			
	R1259		1-216-097-91	RES,CHIP	100K	5%	1/10W				1-424-545-11	TRANSFORM			
	R1260		1-216-061-00	RES,CHIP	3.3K	5%	1/10W			T503 △	1-453-207-11	FBT ASSY, N	IA-2009//A	40	
	R1261		1-216-033-00	RES,CHIP	220	5%	1/10W								
	R1262		1-216-025-91	RES,CHIP	100	5%	1/10W								
	R1263		1-216-033-00	RES,CHIP	220	5%	1/10W								
	R1264		1-216-025-91	RES,CHIP	100	5%	1/10W								
	R1265		1-216-033-00	RES,CHIP	220	5%	1/10W								
	R1266		1-216-025-91	RES,CHIP	100	5%	1/10W								
	R1267		1-216-295-91	SHORT											
	R1268		1-216-025-91	RES,CHIP	100	5%	1/10W								
	R1270		1-216-025-91	RES,CHIP	100	5%	1/10W								
	R1277		1-247-815-91	CARBON	220	5%	1/4W								
	R1278		1-247-815-91	CARBON	220	5%	1/4W								
	R1280		1-216-025-91	RES,CHIP	100	5%	1/10W								
	R1282		1-216-025-91	RES,CHIP	100	5%	1/10W								
	R1284		1-247-807-31	CARBON	100	5%	1/4W								
	R1286		1-216-049-91	RES,CHIP	1K	5%	1/10W								
	R1287		1-216-049-91	RES,CHIP	1K	5%	1/10W								
	R1288		1-247-807-31	CARBON	100	5%	1/4W								
	R1290		1-216-041-00	RES,CHIP	470	5%	1/10W								
	R1291		1-216-045-00	RES,CHIP	680	5%	1/10W								
	R1292		1-216-065-91	RES,CHIP	4.7K	5%	1/10W								
	R1293		1-216-065-91	RES,CHIP	4.7K	5%	1/10W								
	D4004		4 040 040 04	DEC OUID	417	m/	4/4014/		- 1						

1/10W

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

DIODE

8-719-991-33

1-216-295-91

1-216-295-91

1-408-602-31

TRANSISTOR

8-729-422-27

RESISTOR

1-247-815-91

1-247-815-91

1-216-033-00

1-247-815-91

1-247-815-91

1-216-065-91

1-216-065-91

1-216-033-00

1-247-815-91

1-216-025-91

1-216-025-91

1-216-033-00

1-216-089-91

COIL

CHIP CONDUCTOR

DIODE 1SS133T-77

SHORT

SHORT

INDUCTOR

CARBON

CARBON

RES,CHIP

CARBON

CARBON

RES,CHIP

RES,CHIP

RES,CHIP

CARBON

RES,CHIP

RES,CHIP

RES,CHIP

RES,CHIP

8.2UH

220

220

220

220

220

4.7K

4.7K

220

220

100

100

220

47K

1/4W

1/4W

1/10W

1/4W

1/4W

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TRANSISTOR 2SD601A-Q

D368

JR001

JR1417

L461

Q018

R006

R008

R012

R031

R040

R041

R042

R044

R045

R074

R075

R090

R102

The components identified by \blacksquare in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding x-ray radiation. Should replacement be required, replace only with the value originally used.

Variant Parts Listing



The parts on this page belong to the following model(s) only:

KV-32S66

REF.NO.	PART NO.	DESCRIPTION	ESCRIPTION REMARK			REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>	
	oard Varia 2S66	nt Parts	List			R104 R358 R359 R360	1-216-065-91 1-247-815-91 1-247-815-91 1-247-815-91	RES,CHIP CARBON CARBON CARBON	4.7K 220 220 220	5% 5% 5% 5%	1/10W 1/4W 1/4W 1/4W	
	A-1298-997-A	A COMPLET	E PC BOARD)		R365	1-216-101-00	RES,CHIP	150K	5%	1/10W	
C000	CAPACITOR	FILM	0.0047MF	E0/	50V	R374 R386	1-216-125-00 1-216-049-91	RES,CHIP RES,CHIP	1.5M 1K	5% 5%	1/10W 1/10W	
C090 C360	1-137-368-11 1-126-956-91	ELECT	0.0047MF 0.1MF	5% 20%	50V 50V	R466	1-249-388-11	CARBON	3.9	5%	1/4W	F
C361	1-126-956-91	ELECT	0.1MF	20%	50V	R469	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	•
C362	1-126-956-91	ELECT	0.1MF	20%	50V	R472	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	
C370	1-163-037-11	CERAMIC	0.022MF	10%	50V							
						R511	1-215-885-00	METAL	68	5%	2W	F
C461	1-126-933-11	ELECT	100MF	20%	16V	R515	1-216-083-00	RES,CHIP	27K	5%	1/10W	
	△ 1-130-895-00	FILM	0.056MF	5%	400V	R523	1-216-073-00	RES,CHIP	10K	5%	1/10W	
	△ 1-104-844-11	FILM	0.62MF	5%	200V	R529	1-208-814-91	RES,CHIP	22K		1/10W	
C520	1-164-645-11	CERAMIC	1000PF	10%	500V	■ R531	1-208-826-11	RES,CHIP	68K	0.50%	1/10W	
C521	1-164-161-11	CERAMIC	0.0022MF	10%	50V	R533	1-215-902-11	METAL	47K	5%	1W	F
C537	1-126-941-11	ELECT	470MF	20%	25V	R535	1-216-101-00	RES,CHIP	150K	5%	1/10W	
C539	1-126-935-11	ELECT	470MF	20%	16V	R546	1-215-453-00	METAL	22K	1%	1/4W	
C1501	1-115-462-11	FILM	0.12MF	5%	200V		TRANSFORM	IER				
	CONNECTOR	?				TEOD			ובם בבסטודו	C (DN/T)		
CN271	4 572 070 24	CONNECTOR			D 44D		△ 1-424-545-11 △ 1-453-207-11	TRANSFORM FBT ASSY, N	•	, ,		
CN271	1-573-978-21 1-573-298-11	CONNECTOR	,	-		1000 2	± 1-400-201-11	1017001,1	IN 2003//N40			
CN1101		PLUG, CONN		י שטאואו	J 201							
CN3003		PLUG, CONN										



REF.NO. PART NO.

Variant Parts Listing

The parts on this page belong to the following model(s) only:

KV-32V42

DESCRIPTION

Note:

REMARK

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

The components identified by in this manual have been carefully factory-selected for each set in order to satisfy regulations regarding x-ray radiation. Should replacement be required, replace only with the value originally used.

REMARK

A-Board Variant Parts List

	*	A-1298-999-A CAPACITOR	A COMPLETE	PC BOARD			
C370 C375 C461		1-163-037-11 1-164-004-11 1-126-964-11	CERAMIC CERAMIC ELECT	0.022μF 0.1μF 10μF	10% 10% 20%	50V 25V 50V	
C513	Δ	1-130-895-00	FILM	0.056µF	5%	400V	
C514	Δ	1-104-844-11	FILM	0.62µF	5%	200V	
C520 C521 C537 C539 C1501		1-164-645-11 1-164-161-11 1-126-941-11 1-126-935-11 1-115-462-11	CERAMIC CERAMIC ELECT ELECT FILM	1000pF 0.0022µF 470µF 470µF 0.12µF	10% 10% 20% 20% 5%	500V 50V 25V 16V 200V	
		CONNECTOR					
CN271 CN1231 CN1941		1-573-978-21 1-564-511-11 1-564-508-11 CHIP CONDUC	CONNECTOR PLUG, CONN PLUG, CONN	ECTOR 8P	BOARD) 11P	
		CHIP CONDUC	IUK				
JR200 JR351 JR352 JR1417		1-216-295-91 1-216-295-91 1-216-295-91 1-216-295-91 COIL	SHORT SHORT SHORT SHORT				
L461 L1401		1-410-472-41 1-410-494-11	INDUCTOR INDUCTOR	15μΗ 1μΗ			
		RESISTOR					
R044 R074 R075 R089		1-216-033-00 1-216-033-00 1-216-033-00 1-216-033-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP	220 220 220 220	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
R098	Δ	1-249-385-11	CARBON	2.2	5%	1/4W	F
R365 R374		1-216-101-00 1-216-125-00	RES,CHIP RES,CHIP	150K 1.5M	5% 5%	1/10W 1/10W	_
R466 R469 R472		1-249-385-11 1-216-055-00 1-216-055-00	CARBON RES,CHIP RES,CHIP	2.2 1.8K 1.8K	5% 5% 5%	1/4W 1/10W 1/10W	F
R511 R515 R523 R529 R531	\triangle	1-215-885-00 1-216-083-00 1-216-073-00 1-208-814-91 1-208-826-11	METAL RES,CHIP RES,CHIP RES,CHIP RES,CHIP	68 27K 10K 22K 68K	5% 5% 5% 0.50%	2W 1/10W 1/10W 1/10W 1/10W	F
R533 R535		1-215-902-11 1-216-101-00	METAL RES,CHIP	47K 150K	5% 5%	1W 1/10W	F

METAL

SHORT

22K

1-215-453-00

1-216-295-91

R546

R1255

REF.NO. PART NO. DESCRIPTION TRANSFORMER

1/4W

1%

Note: Note:

Variant Parts Listing



The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

The parts on this page belong to the following model(s) only: **KV-35S42**

				р.ссс	po	L						
	PARTNO.	DESCRIPTION		REM	IARK	REF.NO.	PART NO.	DESCRIPTION		REN	<u>IARK</u>	
A-Bo KV-3	ard Varia 5S42	nt Parts	List			C1417 C1420	1-126-767-11 1-126-963-11	ELECT ELECT	1000μF 4.7μF	20% 20%	16V 50V	
*		A COMPLETI	E PC BOARD)			CONNECTOR					
	CAPACITOR					CN1941 *	1-564-511-11 DIODE	PLUG, CONNI	ECTOR 8P			
C069 C370 C375 C461 C513	1-126-964-11 1-163-035-00 1-165-319-11 1-126-933-11 \(\(\) 1-129-720-00	ELECT CERAMIC CERAMIC ELECT FILM	10μF 0.047μF 0.1μF 100μF 0.033μF	20% 20% 5%	50V 50V 50V 16V 630V	D1247 D1248 D1261 D1262	8-719-110-17 8-719-981-99 8-719-110-17 8-719-110-17	DIODE DIODE DIODE DIODE	RD10ESB2 MTZJ-3.3 RD10ESB2 RD10ESB2			
C514 A	1-136-540-11	FILM	0.82µF	5%	200V		<u>IC</u>					
C520 C521 C537 C539	1-101-821-00 1-164-182-11 1-126-942-61 1-126-942-61	CERAMIC CERAMIC ELECT ELECT	0.0022µF 0.0033µF 1000µF 1000µF	10% 20% 20%	500V 50V 25V 25V	IC1261 IC1401 IC1402	8-759-366-77 8-752-072-39 8-759-100-96 JACK	IC MM1311AE IC CXA2021S IC UPC4558G				
C542 C1236 C1237 C1238	1-106-383-00 1-163-031-11 1-136-161-00 1-136-161-00	MYLAR CERAMIC FILM FILM	0.047µF 0.01µF 0.047µF 0.047µF	10% 5% 5%	200V 50V 50V 50V	J1232 J1233 J1234	1-774-751-11 1-774-749-11 1-774-750-11 CHIP CONDUC	TERMINAL BI JACK BLOCK JACK BLOCK TOR	, PIN			
C1239	1-126-960-11	ELECT	1µF	20%	50V	JR351	1-216-295-91	SHORT				
C1240 C1241 C1242 C1243 C1244	1-126-960-11 1-136-161-00 1-126-960-11 1-126-959-11	ELECT FILM ELECT ELECT ELECT	1μF 0.047μF 1μF 1μF 0.47μF	20% 5% 20% 20% 20%	50V 50V 50V 50V 50V	JR352 JR1264 JR1450 JR1451	1-216-295-91 1-216-295-91 1-216-295-91 1-216-295-91 COIL	SHORT SHORT SHORT SHORT				
C1245 C1261 C1262 C1263 C1264	1-126-959-11 1-104-664-11 1-104-664-11 1-126-960-11 1-126-960-11	ELECT ELECT ELECT ELECT ELECT	0.47μF 47μF 47μF 1μF 1μF	20% 20% 20% 20% 20%	50V 16V 16V 50V	L461 L541 L1401	1-408-602-31 1-406-677-11 1-410-494-11 TRANSISTOR	INDUCTOR INDUCTOR INDUCTOR	8.2μΗ 10μΗ 1μΗ			
C1267 C1268 C1269 C1293 C1401	1-136-161-00 1-126-960-11 1-126-960-11 1-163-251-11 1-126-959-11	FILM ELECT ELECT CERAMIC ELECT	0.047µF 1µF 1µF 100pF 0.47µF	5% 20% 20% 5% 20%	50V 50V 50V 50V 50V	Q1231 Q1232 Q1261 Q1262 Q1263	8-729-422-27 8-729-422-27 8-729-216-22 8-729-216-22 8-729-422-27 RESISTOR	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	2SD601A-C 2SA1162-G 2SA1162-G	!		
C1402 C1403 C1404 C1405 C1406	1-104-664-11 1-126-959-11 1-126-956-91 1-163-017-00 1-126-956-91	ELECT ELECT ELECT CERAMIC ELECT	47μF 0.47μF 0.1μF 0.0047μF 0.1μF	20% 20% 20% 10% 20%	25V 50V 50V 50V 50V	R044 R069 R074 R075 R085	1-216-033-00 1-216-073-00 1-216-033-00 1-216-033-00 1-216-073-00	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	220 10K 220 220 10K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
C1407 C1408 C1409 C1410 C1411	1-163-017-00 1-126-963-11 1-126-963-11 1-126-956-91 1-165-319-11	CERAMIC ELECT ELECT ELECT CERAMIC	0.0047µF 4.7µF 4.7µF 0.1µF 0.1µF	10% 20% 20% 20%	50V 50V 50V 50V 50V	R098 A R365 R374 R466 R469	1-249-385-11 1-216-097-91 1-216-121-91 1-249-388-11 1-216-065-91	CARBON RES,CHIP RES,CHIP CARBON RES,CHIP	2.2 100K 1M 3.9 4.7K	5% 5% 5% 5% 5%	1/4W 1/10W 1/10W 1/4W 1/10W	F
C1413 C1415 C1416	1-126-963-11 1-126-964-11 1-126-963-11	ELECT ELECT ELECT	4.7μF 10μF 4.7μF	20% 20% 20%	50V 50V 50V	R472 R511 R515 R523	1-216-065-91 1-215-886-11 1-216-077-91 1-216-071-00	RES,CHIP METAL RES,CHIP RES,CHIP	4.7K 100 15K 8.2K	5% 5% 5% 5%	1/10W 2W 1/10W 1/10W	F



Variant Parts Listing

The parts on this page belong to the following model(s) only: KV-35S42

Note:

The components identified by shading and mark riangle are critical for safety. Replace only with part number specified.

Note:

have been carefully factory-selected for each set in order to satisfy regulations regarding x-ray radiation. Should replacement be required, replace only with the value originally used.

		(V-35S42	<u> </u>	sp	ecified.			
REF.NO.	PART NO.	DESCRIPTION		REM	ARK		REF.NO.	PART NO
R529	1-208-812-11	RES,CHIP	18K	0.50%	1/10W		R1288	1-247-80
▼ R531 △	1-208-838-91	RES,CHIP	220K	0.50%	1/10W		R1290	1-216-04
R533	1-215-878-00	METAL	33K	5%	1W	F	R1291	1-216-04
R535	1-216-103-00	RES,CHIP	180K	5%	1/10W		R1292	1-216-06
R541	1-249-377-11	CARBON	0.47	5%	1/4W	F	R1293	1-216-06
R542	1-249-397-11	CARBON	22	5%	1/4W	F	R1294	1-216-04
R546	1-215-451-00	METAL	18K	1%	1/4W		R1295	1-216-04
R1234	1-249-441-11	CARBON	100K	5%	1/4W		R1296	1-216-02
R1240	1-216-022-00	RES,CHIP	75	5%	1/10W		R1407	1-216-07
R1241	1-216-022-00	RES,CHIP	75	5%	1/10W		R1410	1-216-12
R1242	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		R1411	1-216-07
R1243	1-249-441-11	CARBON	100K	5%	1/4W		R1412	1-216-08
R1244	1-216-022-00	RES,CHIP	75	5%	1/10W		R1413	1-216-08
R1245	1-216-113-00	RES,CHIP	470K	5%	1/10W		R1414	1-216-08
R1246	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		R1415	1-216-02
R1247	1-216-113-00	RES,CHIP	470K	5%	1/10W		R1418	1-216-08
R1248	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		R1419	1-216-08
R1249	1-216-022-00	RES,CHIP	75	5%	1/10W		R1420	1-216-08
R1250	1-216-113-00	RES,CHIP	470K	5%	1/10W		R1421	1-216-02
R1251	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		R1424	1-247-81
R1252	1-216-113-00	RES,CHIP	470K	5%	1/10W		R1425	1-247-81
R1253	1-216-065-91	RES,CHIP	4.7K	5%	1/10W			
R1254	1-216-113-00	RES,CHIP	470K	5%	1/10W			TRANSF
R1255	1-216-049-91	RES,CHIP	1K	5%	1/10W		T502 △	1-429-40
R1256	1-216-113-00	RES,CHIP	470K	5%	1/10W		T503 △	X-4560-1
R1257	1-216-049-91	RES,CHIP	1K	5%	1/10W		T504	1-413-05
R1258	1-216-061-00	RES,CHIP	3.3K	5%	1/10W			
R1259	1-216-097-91	RES,CHIP	100K	5%	1/10W			
R1260	1-216-061-00	RES,CHIP	3.3K	5%	1/10W			
R1261	1-216-033-00	RES,CHIP	220	5%	1/10W			
R1262	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1263	1-216-033-00	RES,CHIP	220	5%	1/10W			
R1264	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1265	1-216-033-00	RES,CHIP	220	5%	1/10W			
R1266	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1267	1-216-295-91	SHORT						
R1268	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1270	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1273	1-216-033-00	RES,CHIP	220	5%	1/10W			
R1274	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1277	1-247-815-91	CARBON	220	5%	1/4W			
R1278	1-247-815-91	CARBON	220	5%	1/4W			
R1280	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1282	1-216-025-91	RES,CHIP	100	5%	1/10W			
R1283	1-247-791-91	CARBON	22	5%	1/4W			
R1284	1-247-807-31	CARBON	100	5%	1/4W			
R1286	1-216-049-91	RES,CHIP	1K	5%	1/10W			
R1287	1-216-049-91	RES,CHIP	1K	5%	1/10W			
							•	

REF.NO.	PART NO.	DESCRIPTION		REM	<u>IARK</u>
R1288	1-247-807-31	CARBON	100	5%	1/4W
R1290	1-216-041-00	RES,CHIP	470	5%	1/10W
R1291	1-216-045-00	RES,CHIP	680	5%	1/10W
R1292	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1293	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R1294	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1295	1-216-049-91	RES,CHIP	1K	5%	1/10W
R1296	1-216-025-91	RES,CHIP	100	5%	1/10W
R1407	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1410	1-216-121-91	RES,CHIP	1M	5%	1/10W
R1411	1-216-073-00	RES,CHIP	10K	5%	1/10W
R1412	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1413	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1414	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1415	1-216-025-91	RES,CHIP	100	5%	1/10W
R1418	1-216-081-00	RES,CHIP	22K	5%	1/10W
R1419	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1420	1-216-089-91	RES,CHIP	47K	5%	1/10W
R1421	1-216-025-91	RES,CHIP	100	5%	1/10W
R1424	1-247-815-91	CARBON	220	5%	1/4W
R1425	1-247-815-91	CARBON	220	5%	1/4W

SFORMER

T502	△ 1-429-408-11	TRANSFORMER, FERRITE (PMT)
T503	△ X-4560-159-1	FBT ASSY, NX-3005//JIC4
T504	1-413-059-00	TRANSFORMER, FERRITE (DFT)

R074

R075

1-216-025-91

1-216-025-91

RES,CHIP

RES,CHIP

100

100

5%

5%

1/10W

1/10W

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Variant Parts Listing



The parts on this page belong to the following model(s) only:

KV-35S66

REF.NO.	PART NO.	DESCRIPTION	<u>IARK</u>	REF.NC	<u>).</u>	PART NO.	DESCRIPTION	REMARK					
A-Boa	ard Varia	nt Parts	List			R085		1-216-073-00	RES,CHIP	10K	5%	1/10W	
KV-35						R090		1-216-033-00	RES,CHIP	220	5%	1/10W	
K V - 3.	300					R102		1-216-089-91	RES,CHIP	47K	5%	1/10W	
	A 4000 007 A	A COMPLET	T DC DOAD!	,		R104		1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
-	A-1298-897-A	A COMPLET	E PC BUAKI)		R358		1-247-815-91	CARBON	220	5%	1/4W	
	CAPACITOR								0/ 11/2011		0,0	.,	
0000	4 400 004 44	FLECT	40	200/	F0\/	R359		1-247-815-91	CARBON	220	5%	1/4W	
C069	1-126-964-11	ELECT	10µH	20%	50V	R360		1-247-815-91	CARBON	220	5%	1/4W	
C090	1-137-368-11	FILM	0.0047µH		50V	R365		1-216-097-91	RES,CHIP	100K	5%	1/10W	
C360	1-126-956-91	ELECT	0.1µH	20%	50V	R374		1-216-121-91	RES,CHIP	1M	5%	1/10W	
C361	1-126-956-91	ELECT	0.1µH	20%	50V	R386		1-216-049-91	RES,CHIP	1K	5%	1/10W	
C362	1-126-956-91	ELECT	0.1µH	20%	50V	1,000		1 210 040 01	INEO,OI III	111	3/0	1/10	
C270	4 462 025 00	CEDAMIC	0.047		FOV/	R466		1-249-388-11	CARBON	3.9	5%	1/4W	F
C370	1-163-035-00	CERAMIC	0.047µH	000/	50V	R469		1-216-055-00	RES,CHIP	1.8K	5%	1/10W	
C461	1-126-933-11	ELECT	100µH	20%	16V	R472		1-216-055-00	RES,CHIP	1.8K	5%	1/10W	
	1-129-720-00	FILM	0.033µH	5%	630V	R511		1-215-886-11	METAL	100	5%	2W	F
	1-136-540-11	FILM	0.82µH	5%	200V								Г
C520	1-101-821-00	CERAMIC	0.0022µH		500V	R515		1-216-077-91	RES,CHIP	15K	5%	1/10W	
.=		0504440	0.0000 11	4007	50 1/	R523		1-216-071-00	RES,CHIP	8.2K	5%	1/10W	
521	1-164-182-11	CERAMIC	0.0033µH	10%	50V	R529		1-208-812-11	RES,CHIP	18K		1/10W	
537	1-126-942-61	ELECT	1000µH	20%	25V	R531	Α	1-208-838-91	RES,CHIP	220K		1/10W	
C539	1-126-942-61	ELECT	1000µH	20%	25V		<u> </u>	1-215-878-00					_
542	1-106-383-00	MYLAR	0.047µH	10%	200V	R533			METAL	33K	5%	1W	F
	CONNECTOR					R535		1-216-103-00	RES,CHIP	180K	5%	1/10W	
N271	1-573-978-21	CONNECTO	D BUYDU TO		D 11D	R541		1-249-377-11	CARBON	0.47	5%	1/4W	F
N1101	1-573-376-21	CONNECTO				R542		1-249-397-11	CARBON	22	5%	1/4W	F
				J DUAK	D 20F	R546		1-215-451-00	METAL	18K	1%	1/4W	•
N1941 * N3003 *	1-564-511-11 1-691-616-11	PLUG, CONI CONNECTOR) R∩ΔR	N 15P	11010		TRANSFORM		1011	170	1/ 1**	
140000	DIODE	OOMINEOTO	it, bortio it	DOM	D 101				<u>IILIX</u>				
	DIODE					T502		1-429-408-11	TRANSFORM				
0368	8-719-991-33	DIODE 1SS1	133T-77			T503	Δ	X-4560-159-1	FBT ASSY, N				
	CHIP CONDUC	CTOR				T504		1-413-059-00	TRANSFORM	IER, FERR	ITE (DFT)		
D004	1 016 005 01	SHORT											
R001	1-216-295-91												
R1417	1-216-295-91	SHORT											
	<u>COIL</u>												
461	1-408-602-31	INDUCTOR	8.2µH										
541	1-406-677-11	INDUCTOR	10μH										
011		INDOOTOR	ιομιι										
	TRANSISTOR												
2018	8-729-422-27	TRANSISTO	R 2SD601A-	Q									
	RESISTOR												
		0.000											
R006	1-247-815-91	CARBON	220	5%	1/4W								
R008	1-247-815-91	CARBON	220	5%	1/4W								
R012	1-216-033-00	RES,CHIP	220	5%	1/10W								
R031	1-247-815-91	CARBON	220	5%	1/4W								
R040	1-247-815-91	CARBON	220	5%	1/4W								
00/11	1 216 065 04	DEC CUID	17V	5 0/	1/10\\\								
1041	1-216-065-91	RES,CHIP	4.7K	5% 5%	1/10W								
042	1-216-065-91	RES,CHIP	4.7K	5%	1/10W								
044	1-216-033-00	RES,CHIP	220	5%	1/10W								
045	1-247-815-91	CARBON	220	5%	1/4W								
R069	1-216-073-00	RES,CHIP	10K	5%	1/10W								
1074	4 040 005 04	DEC OUID	400	E0/	4 /4 0 1 1 /								



Variant Parts Listing

The parts on this page belong to the following model(s) only: KV-35V42

Note:

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Note:

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							with	the value origin
REF.NO.	PART NO.	DESCRIPTION		REM	IARK	REF.NO.	PART NO.	DESCRIPTION
A-Boa	ard Variai	nt Parts	List			R074	1-216-033-00	RES,CHIP
KV-35	5V42					R075	1-216-033-00	RES,CHIP
				_		R085	1-216-073-00	RES,CHIP
*	A-1298-898-A	A COMPLETI	E PC BOARI)		R089	1-216-033-00	RES,CHIP
	<u>CAPACITOR</u>					R098	△ 1-249-385-11	CARBON
C069	1-126-964-11	ELECT	10µF	20%	50V	R365	1-216-097-91	RES,CHIP
C076	1-126-960-11	ELECT	1μF	20%	50V	R374	1-216-121-91	RES,CHIP
C077	1-126-960-11	ELECT	1μF	20%	50V	R466	1-249-388-11	CARBON
C370	1-163-035-00	CERAMIC	0.047µF		50V	R469	1-216-055-00	RES,CHIP
C375	1-165-319-11	CERAMIC	0.1µF		50V	R472	1-216-065-91	RES,CHIP
C461	1-126-933-11	ELECT	100µF	20%	16V	R511	1-215-886-11	METAL
	1-129-720-00	FILM	0.033µF	5%	630V	R515	1-216-077-91	RES,CHIP
	1-136-540-11	FILM	0.82µF	5%	200V	R523	1-216-071-00	RES,CHIP
C520	1-101-821-00	CERAMIC	0.0022µF		500V	R529	1-208-812-11	RES,CHIP
C521	1-164-182-11	CERAMIC	0.0033µF	10%	50V		△ 1-208-838-91	RES,CHIP
C537	1-126-942-61	ELECT	1000µF	20%	25V	DECO	4 045 070 00	METAL
C539	1-126-942-61	ELECT	1000μF	20%	25V	R533	1-215-878-00	METAL
C542	1-120-342-01	MYLAR	0.047μF	10%	200V	R535	1-216-103-00	RES,CHIP
JU 4 Z		IVITLAIX	0.047μ1	10 /0	200 V	R541	1-249-377-11	CARBON
	CONNECTOR					R542	1-249-397-11	CARBON
CN271	1-573-978-21	CONNECTOR	ROARD TO) ROAR	D 11P	R546	1-215-451-00	METAL
CN1231 * CN1941 *	1-564-511-11 1-564-511-11	PLUG, CONN PLUG, CONN	ECTOR 8P	DOM	D 1111	R1255	1-216-295-91	SHORT
5111011	DIODE	1 200, 00111	.20101101				TRANSFORM	<u>IER</u>
)1247		DIODE	RD10ESB2	n			△ 1-429-408-11	TRANSFORMI
	8-719-110-17	DIODE					△ X-4560-159-1	FBT ASSY, N
1261 1262	8-719-110-17 8-719-110-17	DIODE	RD10ESB2			T504	1-413-059-00	TRANSFORM
1202	JACK	DIODL	ND TOLODA	2				
J1234	1-774-750-11	JACK BLOCK	K, PIN					
	CHIP CONDUC	CTOR						
JR200	1-216-295-91	SHORT						
IR351	1-216-295-91	SHORT						
JR352	1-216-295-91	SHORT						
JR1264	1-216-295-91	SHORT						
JR1417	1-216-295-91	SHORT						
	<u>COIL</u>							
L461	1-410-472-41	INDUCTOR	15µH					
L541	1-406-677-11	INDUCTOR	10µH					
L1401	1-410-494-11	INDUCTOR	1μH					
	TRANSISTOR							
Q1231	8-729-120-28	TRANSISTO	R 2SC1623-I	L5L6				
Q1232	8-729-120-28	TRANSISTO	R 2SC1623-I	L5L6				
Q1261	8-729-026-49	TRANSISTO			-R			
Q1262	8-729-026-49	TRANSISTO						
Q1263	8-729-120-28	TRANSISTO						
	RESISTOR							
R044	1-216-049-91	RES,CHIP	1K	5%	1/10W			
R069	1-216-049-91	RES,CHIP	10K	5% 5%	1/10W			
11000	1-210-010-00	ALO,OHIII	IVIX	J/0	1/1044			

REF.NO.	PART NO.	DESCRIPTION		REM	<u>ark</u>	
R074	1-216-033-00	RES,CHIP	220	5%	1/10W	
R075	1-216-033-00	RES,CHIP	220	5%	1/10W	
R085	1-216-073-00	RES,CHIP	10K	5%	1/10W	
R089	1-216-033-00	RES,CHIP	220	5%	1/10W	
R098	△ 1-249-385-11	CARBON	2.2	5%	1/4W	F
R365	1-216-097-91	RES,CHIP	100K	5%	1/10W	
R374	1-216-121-91	RES,CHIP	1M	5%	1/10W	
R466	1-249-388-11	CARBON	3.9	5%	1/4W	F
R469	1-216-055-00	RES,CHIP	1.8K	5%	1/10W	
R472	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
R511	1-215-886-11	METAL	100	5%	2W	F
R515	1-216-077-91		15K	5%	1/10W	Г
R523		RES,CHIP RES.CHIP	8.2K		1/10W	
R523	1-216-071-00 1-208-812-11	- / -	o.∠r. 18K	5% 0.50%	1/10W	
		RES,CHIP				
▼ R531	△ 1-208-838-91	RES,CHIP	220K	0.50%	1/10W	
R533	1-215-878-00	METAL	33K	5%	1W	F
R535	1-216-103-00	RES,CHIP	180K	5%	1/10W	•
R541	1-249-377-11	CARBON	0.47	5%	1/4W	F
R542	1-249-397-11	CARBON	22	5%	1/4W	F
R546	1-215-451-00	METAL	18K	1%	1/4W	
R1255	1-216-295-91	SHORT	1011	170	1/777	
111200	. 210 200 01	3110111				

T502	△ 1-429-408-11	TRANSFORMER, FERRITE (PMT)
T503	△ X-4560-159-1	FBT ASSY, NX-3005//JIC4
T504	1-413-059-00	TRANSFORMER, FERRITE (DFT)

Q1902

8-729-216-22

TRANSISTOR 2SA1162-G

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



REMARK

1/10W

1/10W 1/10W

(KV-32S66/35S66) (KV-32V42/35V42) (KV-32S42/35S42)

> 25V 50V

> 50V 50V

50V

50V

50V

50V

50V

50V

50V

50V

50V

5%

Complete Parts Listing

REF.NO.	PARTNO.	DESCRIPTION		REM	ARK	REF.NO.	PART NO.	DESCRIPTION		REMA
							RESISTOR			
IA'	V ===					= R101	△ 1-216-065-91	RES,CHIP	4.7K	5%
						R102	1-216-083-00	,	27K	5%
*	A-1298-612-A	AV COMPLE	TE PC BOAR	חכ		R103	1-216-689-11	RES,CHIP	39K	5%
	A-1230-012-A		35S66 ONLY)			R104	1-216-045-00	RES,CHIP	680	5%
	CAPACITOR	(NV-32300/3	33300 UNL1)	'		R106	1-216-081-00		22K	5%
						R107	1-216-081-00	RES,CHIP	22K	5%
C101	1-126-960-11	ELECT	1µF	20%	50V	R108	1-216-081-00	,	22K	5%
C102	1-164-161-11	CERAMIC	0.0022µF	10%	50V	R109	1-216-081-00	RES,CHIP	22K	5%
C104	1-126-964-11	ELECT	10µF	20%	50V	R112	1-216-057-00	RES,CHIP	2.2K	5%
C106 C108	1-104-664-11 1-126-933-11	ELECT ELECT	47μF 100μF	20% 20%	25V 16V	R113	1-216-097-91	RES,CHIP	100K	5%
			•			R114	1-216-121-91	RES,CHIP	1M	5%
C109	1-163-259-91	CERAMIC	220pF	5%	50V	R115	1-216-073-00	RES,CHIP	10K	5%
C110	1-104-760-11	CERAMIC	0.047µF	10%	50V	R116	1-216-073-00	RES,CHIP	10K	5%
C111	1-126-960-11	ELECT	1μF	20%	50V	R117	1-216-065-91	RES,CHIP	4.7K	5%
C113	1-126-934-11	ELECT	220µF	20%	16V	R118	1-216-295-91	SHORT		
C1904	1-102-129-00	CERAMIC	0.01µF	10%	50V	R121	1-216-049-91	RES,CHIP	1K	5%
C1905	1-126-964-11	ELECT	10µF	20%	50V	R125	1-216-043-91	RES,CHIP	560	5%
C1906	1-102-129-00	CERAMIC	0.01µF	10%	50V	R126	1-216-045-00	RES,CHIP	680	5%
C1907	1-126-964-11	ELECT	10μF	20%	50V	R1904	1-216-073-00	RES,CHIP	10K	5%
C1908 C1909	1-163-009-11 1-163-009-11	CERAMIC CERAMIC	0.001µF 0.001µF	10% 10%	50V 50V	R1905	1-216-073-00	,	10K	5%
•	CONNECTOR	0	٠.٠٠٠ . ٣٠	. 0 / 0		R2904	1-216-033-00	RES,CHIP	220	5%
						R2905	1-216-033-00	RES,CHIP	220	5%
CN101	1-573-301-21		R,BOARD 20			R2909	1-216-073-00	RES,CHIP	10K	5%
CN102	1-573-979-21		R,BOARD 11	ΙP		R2910	1-216-073-00	RES,CHIP	10K	5%
CN103	1-564-507-11	PLUG,CON				R2912	1-216-073-00	RES,CHIP	10K	5%
CN106	1-564-506-11	PLUG,CON	NECTOR 3P			R2913	1-216-073-00	RES,CHIP	10K	5%
	DIODE					R2914	1-216-073-00	,	10K	5%
D101	8-719-109-89	DIODE RD5	.6ESB2				TUNER			
D103	8-719-991-33	DIODE 1SS	133T-77			T 11404		TINED 500	DTE E4 40	
D104	8-719-991-33	DIODE 1SS	133T-77			TU101 .	△ 8-598-430-00	TUNER, FSS	BIF-FA40	1
D105	8-719-991-33	DIODE 1SS	133T-77				_			
D106	8-719-991-33	DIODE 1SS	133T-77							
	<u>IC</u>									
IC1901	8-752-058-68	IC CXA1315	SM-T4				_			
IC1902	8-759-470-63	IC NJM2145	M-TE2			'	A-1135-949- <i>I</i>			
	CHIP CONDUC	CTOR				'	A-1135-948-A-1135-950-A	,		
JR102	1-216-295-91	SHORT							IE PU DUA	נ-יא) עאו
JR102 JR103	1-216-295-91	SHORT					CAPACITOR			
	COIL					C3501	1-104-664-11	-	47µF	20%
						C3502	1-163-231-11		15pF	5%
L102	1-410-470-11	INDUCTOR	10µH			C3503 C3504	1-163-021-91		0.01µF	10%
L105	1-408-421-00	INDUCTOR	100µH			C3504	1-126-964-11		10µF	20%
	TRANSISTOR						1-163-131-00		390pF	5%
Q101	8-729-119-78	TRANSISTO	OR 2SC2785-I	HFE		C3506	1-163-021-91		0.01µF	10%
Q103	8-729-216-22		OR 2SA1162-0			C3507	1-126-963-11		4.7µF	20%
Q104	8-729-216-22		OR 2SA1162-0			C3508	1-163-021-91		0.01µF	10%
Q105	8-729-216-22		OR 2SA1162-0			C3509	1-126-961-11		2.2µF	20%
Q106	8-729-422-27		OR 2SD601A-			C3510	1-163-229-11		12pF	5%
Q1901	8-729-216-22		OR 2SA1162-0			C3511	1-126-960-11		1µF	20%
04000	0-723-210-22		D 00 4460 (C3512	1-163-133-00	CERAMIC	470pF	5%

C3513

1-163-131-00

CERAMIC

390pF



Complete Parts Listing

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Note:

	<u> </u>										
REF.NO.	PART NO.	DESCRIPTION		<u>REM</u>	<u>ARK</u>	REF.NO.	PART NO.	DESCRIPTION		<u>REM</u> A	<u>IRK</u>
C3514	1-163-009-11	CERAMIC	0.001µF	10%	50V	IC3503	8-759-231-53	IC L7805CV			
C3515	1-126-963-11	ELECT	4.7µF	20%	50V		COIL				
C3516	1-163-089-00	CERAMIC	6pF	0.50%	50V		<u> </u>				
C3517	1-163-021-91	CERAMIC	0.01µF	10%	50V	L3501	1-410-470-11	INDUCTOR	10μH		
C3518	1-126-941-11	ELECT	470µF	20%	25V	L3502	1-410-466-41	INDUCTOR	4.7µH		
			·			L3503	1-410-470-11	INDUCTOR	10µH		
C3519	1-163-021-91	CERAMIC	0.01µF	10%	50V	L3504	1-410-470-11	INDUCTOR	10µH		
C3520	1-163-133-00		470pF	5%	50V	L3505	1-410-470-11	INDUCTOR	10µH		
C3521	1-104-664-11	ELECT	47µF	20%	25V		TRANSISTO		•		
C3522	1-126-964-11	ELECT	10μF	20%	50V		INANSISTO	<u>7</u>			
C3523	1-163-021-91	CERAMIC	0.01µF	10%	50V	Q3501	8-729-422-27	TRANSISTOR	2SD601A-Q		
C3524	1-104-664-11	ELECT	47µF	20%	25V	Q3502	8-729-216-22	TRANSISTO	R 2SA1162-G		
			•			Q3503	8-729-422-27	TRANSISTO	R 2SD601A-C)	
C3525	1-163-021-91	CERAMIC	0.01µF	10%	50V	Q3504	8-729-216-22	TRANSISTO	R 2SA1162-G		
C3526	1-163-038-91	CERAMIC	0.1µF		25V	Q3505	8-729-422-27	TRANSISTOR			
C3527	1-163-038-91	CERAMIC	0.1µF		25V						
C3528	1-164-222-11	CERAMIC	0.22µF		25V	Q3506	8-729-216-22	TRANSISTOR	R 2SA1162-G		
C3529	1-163-038-91	CERAMIC	0.1µF		25V	Q3507	8-729-216-22	TRANSISTO	R 2SA1162-G		
C3532	1-164-004-11	CERAMIC	0.1μF	10%	25V	Q3509	8-729-216-22	TRANSISTO	R 2SA1162-G		
C3533	1-163-021-91	CERAMIC	0.1μl 0.01μF	10%	50V	Q3510	8-729-422-27	TRANSISTO	R 2SD601A-C)	
C3534	1-163-021-91	CERAMIC	0.01µF	10%	50V	Q3516	8-729-216-22	TRANSISTO	R 2SA1162-G		
		ELECT	0.01μF 47μF	20%	25V	Q3555	8-729-216-22	TRANSISTO	R 2SA1162-G		
C3535	1-104-664-11	ELECT	4/µr	20%	20 V		RESISTOR				
C3536	1-126-964-11	ELECT	10µF	20%	50V		KEGIOTOK				
C3537		CERAMIC	15pF	5%	50V	R3501	1-216-091-00	RES,CHIP	56K	5%	1/10W
	1-163-231-11				50V 50V	R3502	1-216-081-00	RES,CHIP	22K	5%	1/10W
C3538	1-163-021-91	CERAMIC	0.01µF	10%		R3503	1-216-009-91	RES,CHIP	22	5%	1/10W
C3539	1-163-021-91	CERAMIC	0.01µF	10%	50V	R3504	1-216-029-00	RES,CHIP	150	5%	1/10W
C3540	1-163-231-11	CERAMIC	15pF	5%	50V	R3505	1-216-037-00	RES,CHIP	330	5%	1/10W
C3541	1-104-664-11	ELECT	47µF	20%	25V	Darne	1 216 025 00	DEC CUID	270	E0/	1/10W
C3542	1-163-021-91	CERAMIC	0.01µF	10%	50V	R3506	1-216-035-00	RES,CHIP	270	5%	
C3543	1-104-664-11	ELECT	47µF	20%	25V	R3507	1-216-057-00	RES,CHIP	2.2K	5%	1/10W
C3544	1-104-664-11	ELECT	47μF	20%	25V	R3508	1-216-043-91	RES,CHIP	560	5%	1/10W
C3545	1-164-004-11	CERAMIC	0.1µF	10%	25V	R3509	1-216-075-00	RES,CHIP	12K	5%	1/10W
			·			R3510	1-216-049-91	RES,CHIP	1K	5%	1/10W
C3548	1-164-004-11	CERAMIC	0.1µF	10%	25V	R3511	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
C3549	1-126-964-11	ELECT	10µF	20%	50V	R3512	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
C3550	1-104-664-11	ELECT	47µF	20%	25V	R3513	1-216-041-00	RES,CHIP	470	5%	1/10W
C3551	1-163-021-91	CERAMIC	0.01µF	10%	50V	R3514	1-216-121-91	RES,CHIP	1M	5%	1/10W
C3553	1-126-941-11	ELECT	470µF	20%	25V	R3515	1-216-077-91	RES,CHIP	15K	5%	1/10W
C3556	1-128-551-11	ELECT	22µF	20%	25V	110010	1 210 011 01	1120,01111	1011	0/0	171011
C3558	1-126-956-91	ELECT	0.1µF	20%	50V	R3516	1-216-037-00	RES,CHIP	330	5%	1/10W
	CONNECTOR	₹				R3517	1-216-077-91	RES,CHIP	15K	5%	1/10W
						R3518	1-216-067-00	RES,CHIP	5.6K	5%	1/10W
CN3502	1-573-978-21				D 11P	R3520	1-208-766-11	RES,CHIP	220	0.50%	1/10W
		(KV-32S66/3				R3521	1-208-766-11	RES,CHIP	220		1/10W
CN3561 *	1-691-616-21										
		(KV-32V42/S			,	R3522	1-208-774-11	RES,CHIP	470		1/10W
CN3570	1-573-301-21	CONNECTO	R,BOARD T	O BOAR	D 20P	R3523	1-208-778-11	RES,CHIP	680		1/10W
		(KV-32S42/3	5S42 ONLY)			R3524	1-208-794-11	RES,CHIP	3.3K	0.50%	1/10W
	<u>FILTER</u>					R3529	1-216-295-91	SHORT			
						R3531	1-216-295-91	SHORT			
FL3501	1-239-847-11	FILTER,LOW				R3534	1-216-295-91	SHORT			
FL3502	1-239-847-11	FILTER,LOW				R3535	1-216-295-91	SHORT			
FL3503	1-239-847-11	FILTER,LOW	PASS						2 21/	E0/	1/10\\\
	<u>IC</u>					R3536	1-216-057-00	RES,CHIP	2.2K	5% 59/	1/10W
	<u></u>					R3537	1-216-043-91	RES,CHIP	560	5% 5%	1/10W
IC3501	8-759-065-82	IC MM1093N	D			R3538	1-216-071-00	RES,CHIP	8.2K	5% 5%	1/10W
IC3502	8-752-385-80	IC CXD20733	S			R3539	1-216-089-91	RES,CHIP	47K	5%	1/10W
						R3540	1-216-049-91	RES,CHIP	1K	5%	1/10W

Note:

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Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



Complete Parts Listing

REF.NO.	PART NO.	DESCRIPTION		REMA	<u>RK</u>	
R3541	1-216-081-00	RES,CHIP	22K	5%	1/10W	
R3542	1-216-041-00	RES,CHIP	470	5%	1/10W	
R3543	1-216-035-00	RES,CHIP	270	5%	1/10W	
R3544	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	
R3545	1-216-043-91	RES,CHIP	560	5%	1/10W	
R3546	1-216-071-00	RES,CHIP	8.2K	5%	1/10W	
R3547	1-216-089-91	RES,CHIP	47K	5%	1/10W	
R3548	1-216-081-00	RES,CHIP	22K	5%	1/10W	
R3549	1-216-049-91	RES,CHIP	1K	5%	1/10W	
R3550	1-208-774-11	RES,CHIP	470	0.50%	1/10W	
R3551	1-208-764-11	RES,CHIP	180	0.50%	1/10W	
R3558	1-216-049-91	RES,CHIP	1K	5%	1/10W	
R3565	1-216-295-91	SHORT				
R3566	1-216-025-91	RES,CHIP	100	5%	1/10W	
R3568	1-216-025-91	RES,CHIP	100	5%	1/10W	
R3569	1-216-041-00	RES,CHIP	470	5%	1/10W	
R3578	1-216-081-00	RES,CHIP	22K	5%	1/10W	
R3579	1-216-081-00	RES,CHIP	22K	5%	1/10W	
R3580	1-216-295-91	SHORT				
R3596	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	
R3597	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	
R3599	1-208-774-11	RES,CHIP	470	0.50%	1/10W	
	CRYSTAL					
X3501	1-567-505-11	OSCILLATOR	R,CRYSTAL			



*	A-1331-843-A A-1331-837-A 4-382-854-11 CAPACITOR	C BOARD, C C BOARD, C SCREW (M3	OMPLETE (K	(V-32S42	:/3566/35V42) :/32S66/32V42)
C1750 C1751 C1790 C1791 C1792 C1794	1-137-528-11 1-107-655-11 1-102-129-00 1-126-968-11 1-102-106-00 1-107-651-11	FILM ELECT CERAMIC ELECT CERAMIC ELECT	0.1μF 47μF 0.01μF 100μF 100pF 4.7μF	20% 10% 20%	250V 250V 50V 50V 50V 250V
C1795 C1799	1-102-074-00 1-162-114-00 CONNECTOR	(KV-35S42/S CERAMIC CERAMIC	0.001µF 0.0047µF	.Y) 10%	50V 2KV
CN1761 * CN1764 * CN1766	1-564-509-11 1-564-508-11 1-695-915-11 DIODE	PLUG, CONN PLUG, CONN TAB (CONTA	IECTOR 5P		
D1790 D1791 D1792 D1793 D1794	8-719-991-33 8-719-908-03 8-719-908-03 8-719-908-03 8-719-908-03	DIODE 1SS1 DIODE GP08 DIODE GP08 DIODE GP08 DIODE GP08	D BD (KV-35S4) D	2/S66/V	42 ONLY)

REF.NO.	PART NO.	DESCRIPTION		REM	<u>ARK</u>	
	<u>IC</u>					
IC1701 △	8-759-562-43	IC TDA6108J	F/N1B			
	<u>JACK</u>					
J1761 △	1-251-388-11	SOCKET, CR	Т			
	COIL					
L1790	1-412-537-31	INDUCTOR	100µH			
	TRANSISTOR	<u>R</u>				
Q1790	8-729-119-76	TRANSISTO	R 2SA1175-H	HFE		
	RESISTOR					
R1750	1-247-870-11	CARBON	43K	5%	1/4W	
R1763	1-260-099-11	CARBON	1K	5%	1/2W	
R1764	1-247-807-31	CARBON	100	5%	1/4W	
R1773	1-260-099-11	CARBON	1K	5%	1/2W	
R1774	1-247-807-31	CARBON	100	5%	1/4W	
R1783	1-260-099-11	CARBON	1K	5%	1/2W	
R1784	1-247-807-31	CARBON	100	5%	1/4W	
R1788	1-216-349-00	METAL	1	5%	1W	F
R1789	1-249-437-11	CARBON	47K	5%	1/4W	
R1790	1-216-369-00	METAL	1	5%	2W	F
		(KV-35S42/S	66/V42 ONL	Y)		
R1790	1-216-378-11	METAL	5.6	5%	2W	F
		(KV-32S42/S	66/V42 ONL	Y)		
R1792	1-247-815-91	CARBON	220	5%	1/4W	
R1793	1-247-866-11	CARBON	30K	5%	1/4W	
R1794	1-260-132-11	CARBON	560K	5%	1/2W	
D.470F	4 000 007 44	(KV-35S42/S		,	4 (0) 1 (
R1795	1-260-087-11	CARBON	100	5%	1/2W	
R1796	1-216-369-00	METAL	1	5%	2W	F
		(KV-35S42/S	66/V42 ONL	-		
R1796	1-216-378-11	METAL	5.6	5%	2W	F
D4707	4 000 400 44	(KV-32S42/S		,	4/01/1	
R1797	1-260-123-11	CARBON	100K	5%	1/2W	



	* A-	-1316-399-A -1316-389-A -533-223-11 -382-854-11	G BOARD, CO G BOARD, CO HOLDER,FUSI SCREW(M3X1	MPLETE (KV E		,
	<u>C</u>	<u>APACITOR</u>				
C601	1-	136-346-21	FILM (KV-35S42/S6	0.22µF 6/V42 ONLY	20%	125V
C602	1-	126-964-11	ELECT	10μF	20%	50V
C603	△ 1-	113-903-11	CERAMIC	0.001µF	20%	250V
C604	△ 1-	136-346-21	FILM	0.22µF	20%	125V
C605	△ 1-	136-346-21	FILM	0.22µF	20%	125V
					/	
C606		117-894-11	ELECT	560µF	20%	250V
C607	△ 1-	117-894-11	ELECT	560µF	20%	250V
Cens	1.	165-127-11	CERAMIC	/70nF	10%	500\/



Complete Parts Listing

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Note:

REF.NO.	PART NO.	DESCRIPTION		REMA	ARK	REF.NO		PART NO.	DESCRIPTION		REM/	\RK	
C609 C610 C611 C612 C613	1-136-175-00 1-136-175-00 1-136-169-00 1-136-169-00 1-164-646-11	FILM FILM FILM FILM CERAMIC	0.68µF 0.68µF 0.22µF 0.22µF 2200pF	5% 5% 5% 5% 10%	50V 50V 50V 50V 500V	D622 D623 D624 D625 D626		8-719-911-55 8-719-948-45 8-719-991-33 8-719-991-33 8-719-109-93	DIODE DIODE DIODE DIODE DIODE	U05G ERA22-08 1SS133T-77 1SS133T-77 RD6.2ESB2			
C615 C616	1-129-722-00 1-113-903-11 1-126-961-11 1-119-907-51 1-107-680-91	FILM CERAMIC ELECT CERAMIC ELECT	0.047µF 0.001µF 2.2µF 4700pF 22µF	5% 20% 20% 20% 20%	630V 250V 50V 250V 450V	D627 D628 D641 D642 D643		8-719-510-48 8-719-063-70 8-719-052-92 8-719-510-12 8-719-028-45	DIODE DIODE DIODE DIODE DIODE	D1N20R D1NL20U D10SBS4F D10SC4M D2L20U			
C630 C631 C633 C634 C635	1-130-471-00 1-137-605-11 1-130-471-00 1-130-467-00 1-130-471-00	MYLAR FILM MYLAR MYLAR MYLAR	0.001µF 0.01µF 0.001µF 470pF 0.001µF	5% 10% 5% 5% 5%	50V 250V 50V 50V 50V	D644 D645 D646 D647 D648	\triangle	8-719-028-45 8-719-028-45 8-719-028-45 8-719-063-70 8-719-057-52	DIODE DIODE DIODE DIODE DIODE	D2L20U D2L20U D2L20U D1NL20U EZ0150AV1			
C636 C637 C640 C641	1-126-965-11 1-126-940-11 1-119-907-51 1-128-550-11	ELECT ELECT CERAMIC ELECT	22µF 330µF 4700pF 2200µF	20% 20% 20% 20%	50V 25V 250V 50V	D649 D650	A	8-719-510-02 8-719-510-02 FUSE	DIODE DIODE	D1NS4 D1NS4			
C643	1-107-641-11	ELECT	220µF	20%	160V	F601	Δ	1-576-193-11 FERRITE BE	FUSE 6.3A/12 AD	25 V			
C647 C650 C651 C652 C653	1-104-665-11 1-104-664-11 1-137-366-11 1-106-351-00 1-107-636-11	ELECT ELECT FILM MYLAR ELECT	100μF 47μF 0.0022μF 0.0022μF 10μF	20% 20% 5% 20% 20%	25V 25V 50V 200V 160V	FB601 FB602 FB603 FB604 FB641		1-410-396-41 1-410-396-41 1-410-396-41 1-410-397-21	FERRITE FERRITE FERRITE FERRITE FERRITE FERRITE	0.45μH 0.45μH 0.45μH 0.45μH 1.1μH			
C654 C655 C656 C657 C660	1-164-625-11 1-164-625-11 1-164-625-11 1-164-625-11 1-126-767-11	CERAMIC CERAMIC CERAMIC CERAMIC ELECT	680pF 680pF 680pF 680pF 1000µF	10% 10% 10% 10% 20%	500V 500V 500V 500V 16V	FB642 FB645 FB647		1-410-397-21 1-410-397-21 1-410-397-21 <u>IC</u>	FERRITE FERRITE FERRITE	1.1μΗ 1.1μΗ 1.1μΗ			
C690	1-164-645-11	CERAMIC	1000pF	10%	500V	IC601 IC622	Δ	8-729-041-12 8-759-450-47	TRANSISTOR IC	MX0841AB-F BA05T			
C691	1-164-645-11 CONNECTOR	CERAMIC R	1000pF	10%	500V	IC641		8-759-198-03	IC	PQ09RF21			
CN601	1-573-963-11	PIN,CONNEC		,		IC643		8-749-012-13 COIL	IC	DM-58			
CN602 CN603	1-580-844-11 1-573-963-11	(KV-35S42/S6 PIN,CONNEC PIN, CONNEC (KV-35S42/S6	TOR(POWER CTOR(PC BO	R) (ARD) 3	P	L642		1-412-529-11 TRANSISTOR	INDUCTOR	22µH			
CN604	1-508-765-00	PIN, CONNEC (KV-32S42/S6	CTOR (5MM	PITCH)	3P	Q621 Q622		8-729-044-30 8-729-119-78	TRANSISTOR TRANSISTOR				
CN641 CN643	1-564-515-11 1-508-784-00 DIODE	PLUG,CONN	ECTOR 12P	,	1P	Q644 Q645 Q646		8-729-119-78 8-729-119-76 8-729-119-76	TRANSISTOR TRANSISTOR TRANSISTOR	2SA1175-HF	E		
D600	8-719-991-33	DIODE	1SS133T-7	7		Q647		8-729-119-78	TRANSISTOR	2SC2785-HF	E		
D601	8-719-991-33	DIODE	1SS133T-7			Q648	Δ	8-729-922-39	TRANSISTOR	2SD2144S-V			
D602 Z	8-719-510-53 8-719-052-90	DIODE DIODE	D4SB60L D1NL40-TA	2				RESISTOR					
D604	8-719-052-90	DIODE	D1NL40-TA			R603 R607		1-219-776-11 1-202-933-61	CARBON FUSIBLE		10% 10%	1/2W 1/2W	F
D612 D613 D614 D621	8-719-991-33 8-719-991-33 8-719-991-33 8-719-911-55	DIODE DIODE DIODE DIODE	1SS133T-7 1SS133T-7 1SS133T-7 U05G	7		R608 R611 R612	- (43	1-216-373-11 1-216-373-11 1-215-903-11	METAL METAL METAL	2.2 2.2	5% 5% 5% 5%	2W 2W 2W	F F F

Note:

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Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

REF.NO.

PART NO.



REMARK

Complete Parts Listing

DESCRIPTION

REF.NO.		PARTNO.	DESCRIPTION		REM	<u>ARK</u>	
R613		1-215-903-11	METAL	68K	5%	2W	F
R614		1-215-903-11	METAL	68K	5%	2W	F
R615		1-215-903-11	METAL	68K	5%	2W	F
R618		1-249-425-11	CARBON	4.7K	5%	1/4W	
R619		1-249-425-11	CARBON	4.7K	5%	1/4W	
R620		1-249-425-11	CARBON	4.7K	5%	1/4W	
R621		1-249-429-11	CARBON	10K	5%	1/4W	
R622		1-247-863-91	CARBON	22K	5%	1/4W	
R623	Δ	1-205-943-11	CEMENTED	1	5%	20W	
R624		1-260-131-11	CARBON	470K	5%	1/2W	
R625		1-260-131-11	CARBON	470K	5%	1/2W	
R626		1-249-425-11	CARBON	4.7K	5%	1/4W	
R627	Δ	1-220-797-11	CEMENTED	0.47	5%	10W	
R628		1-240-205-91	CARBON	22M	5%	1/2W	
R629	Δ	1-220-797-11	CEMENTED	0.47	5%	10W	
R632		1-249-421-11	CARBON	2.2K	5%	1/4W	
						1/4VV 1/4W	
R633		1-249-429-11	CARBON	10K	5%	.,	
R634		1-249-437-11	CARBON	47K	5%	1/4W	
R635		1-247-791-91	CARBON	22	5%	1/4W	
R636		1-249-415-11	CARBON	680	5%	1/4W	
R637	Δ		CARBON	6.8	5%	1/2W	
R638		1-249-413-11	CARBON	470	5%	1/4W	
R639	\triangle	1-249-389-11	CARBON	4.7	5%	1/4W	F
R640		1-215-485-00	METAL	470K	1%	1/4W	
R640		1-247-895-91	CARBON	470K	5%	1/4W	
R641		1-247-843-11	CARBON	3.3K	5%	1/4W	
R642		1-247-843-11	CARBON	3.3K	5%	1/4W	
R643		1-249-387-11	CARBON	3.3	5%	1/4W	F
R648		1-247-887-00	CARBON	220K	5%	1/4W	
R649		1-249-425-11	CARBON	4.7K	5%	1/4W	F
R659		1-249-429-11	CARBON	10K	5%	1/4W	
R660	Δ	1-249-393-11	CARBON	10	5%	1/4W	F
R661	\triangle	1-249-419-11	CARBON	1.5K	5%	1/4W	F
R666	\triangle	1-249-377-11	CARBON	0.47	5%	1/4W	F
R667	Δ	1-249-377-11	CARBON	0.47	5%	1/4W	F
R668	Λ	1-249-377-11	CARBON	0.47	5%	1/4W	F
R670		1-249-377-11	CARBON	0.47	5%	1/4W	F
R671			CARBON	0.47	5%	1/4W	F.
R672		1-249-377-11	CARBON	0.47	5%	1/4W	F
NUIZ	45	RELAY	CANDON	0.47	3/0	1/477	Г
D) (6			BB 1 (11 1 5 =				
RY600		1-755-266-11	RELAY, AC P				
RY601	Δ		RELAY, AC P	OWER			
		TRANSFORM	<u>IIEK</u>				
T601	\triangle	1-426-717-11	TRANSFORM				
T602	\triangle	1-426-717-11	TRANSFORM	IER, LINE FI	LTER (L	.FT)	
T603	Δ	1-429-992-21	TRANSFORM	ER, CONVE	RTER (I	PRT)	
T605	Δ	1-429-415-11	TRANSFORM				
T621	Δ	1-431-852-11	TRANSFORM				
		THERMISTO		,	(,	
THP601	Δ	1-809-539-11	THERMISTOR	R, POSITIVE			
				,			

	VARISTOR	
	1-801-074-41 1-801-074-41	VARISTOR ERZV10D271 VARISTOR ERZV10D271
ШС	$\overline{}$	
)	
* *	A-1372-507-A A-1372-510-A A-1372-519-A CAPACITOR	HS BOARD, COMPLETE (KV-35S42/35S66 ONLY) HS BOARD, COMPLETE (KV-32V42/35V42 ONLY) HS BOARD, COMPLETE (KV-32S66 ONLY)
C2168	1-104-665-11	ELECT 100µF 20% 25V (KV-32S66 ONLY)
C2169	1-126-959-11	ELECT 0.47µF 20% 50V (KV-32S66 ONLY)
C2170	1-164-096-11	CERAMIC 0.01µF 50V (KV-32S66 ONLY)
	CONNECTOR	
CN2101 * CN2102 *	1-564-524-11 1-564-523-11	PLUG,CONNECTOR 9P PLUG,CONNECTOR 8P (KV-32V42/S66/35V42 ONLY)
	DIODE	
D2106	1-810-039-11 <u>IC</u>	LED UNIT (KV-32S66 ONLY)
IC2103	8-742-134-00 RESISTOR	HYB IC SBX1981-51P (KV-32S66 ONLY)
R2109	1-216-033-00	RES,CHIP 220 5% 1/10W
R2110	1-216-033-00	(KV-32S66 ONLY) RES,CHIP 220 5% 1/10W (KV-32S66 ONLY)
R2159	1-216-047-91	RES,CHIP 820 5% 1/10W (KV-32S66 ONLY)
R2160	1-216-049-91	RES,CHIP 1K 5% 1/10W (KV-32S66 ONLY)
R2161	1-216-055-00	RES,CHIP 1.8K 5% 1/10W (KV-32S66 ONLY)
R2162	1-216-065-91	RES,CHIP 4.7K 5% 1/10W (KV-32S66 ONLY)
R2163	1-216-073-00	RES,CHIP 10K 5% 1/10W (KV-32S66 ONLY)
R2164	1-216-017-91	RES,CHIP 47 5% 1/10W (KV-32S66 ONLY)
	<u>SWITCH</u>	
S2101 S2102 S2103 S2104 S2105	1-692-431-21 1-692-431-21 1-692-431-21 1-692-431-21	SWITCH,TACTILE (KV-32S66 ONLY) SWITCH,TACTILE (KV-32S66 ONLY) SWITCH,TACTILE (KV-32S66 ONLY) SWITCH,TACTILE (KV-32S66 ONLY) SWITCH,TACTILE (KV-32S66 ONLY)



R2239

1-216-065-91

Complete Parts Listing

Note:

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REF.NO.	PART NO.	DESCRIPTION	REMARK	REF.NO.	PART NO.	DESCRIPTION	<u>RE</u>	MARK
S2106	1-692-431-21	SWITCH, TACTILE (KV-325	666 ONLY)			(KV-32V42/3	SV42 ONLY)	
S2107	1-692-431-21	SWITCH, TACTILE (KV-325			SWITCH	,	,	
				00004		CMUTCH TA	OTU E (IZV 22)/42/	05\/40 ON II \/\
ш\	/			S2001 S2002	1-692-431-21 1-692-431-21		ACTILE (KV-32V42/ ACTILE (KV-32V42/	
י רון	V -			S2002 S2003	1-692-431-21		CTILE (KV-32V42/	
				S2004	1-692-431-21		CTILE (KV-32V42/	,
*	A-1372-523-A	HV BOARD, COMPLETE (K	V-35S66/35S42 ONLY)	S2005	1-692-431-21		CTILE (KV-32V42/	
*	A-1372-684-A	HV BOARD, COMPLETE (K	V-32V42/35V42 ONLY)				•	,
	CAPACITOR			\$2006 \$2007	1-692-431-21 1-692-431-21		ACTILE (KV-32V42/ ACTILE (KV-32V42/	,
00000		FI FOT 400 F	000/ 05//	32007	1-092-431-21	SWITCH, TA	NOTILE (NV-32V42/	33V42 ONL1)
C2068	1-104-665-11	ELECT 100µF	20% 25V	F==	1			
C2070 C2072	1-165-319-11 1-164-096-11	CERAMIC 0.1µF CERAMIC 0.01µF	50V 50V					
C2072 C2233	1-136-161-00	FILM 0.047µF	5% 50V					
02233	1-130-101-00	(KV-32V42/35V42 ONLY)	370 30 V		-			
C2234	1-126-960-11	ELECT 1µF	20% 50V	*	A-1195-154-A	P BOARD, C	COMPLETE (KV-32	S66/35S66 ON
		(KV-32V42/35V42 ONLY)			CAPACITOR			
C2235	1-126-960-12	ELECT 1µF	20% 50V	00004		0504440	0.04 5	50)/
		(KV-32V42/35V42 ONLY)		C3301	1-163-031-11	CERAMIC	0.01µF	50V
	CONNECTOR			C3302 C3303	1-163-031-11 1-104-664-11	CERAMIC ELECT	0.01μF 47μF 20%	50V 5 16V
				C3304	1-163-031-11	CERAMIC	47μF 2070 0.01μF	50V
CN2002 *	1-564-518-11	PLUG, CONNECTOR 3P		C3305	1-163-135-00	CERAMIC	560pF 5%	50V
		(KV-32V42/35V42 ONLY)					·	
	<u>DIODE</u>			C3306	1-163-038-91	CERAMIC	0.1µF	25V
D2006	1-810-039-11	LED UNIT		C3307	1-163-038-91	CERAMIC	0.1µF	25V
D2236	8-719-110-17	RD10ESB2 (KV-32V42/35)	/42 ∩NLY)	C3308	1-164-222-11	CERAMIC	0.22µF	25V
J2250		ND 10L0D2 (NV-02V+2/00	742 ONLT)	C3309	1-163-034-00	CERAMIC	0.033µF	50V
	<u>IC</u>			C3310	1-164-222-11	CERAMIC	0.22µF	25V
C2003	8-742-134-00	HYB IC SBX1981-51P		C3311	1-163-233-11	CERAMIC	18pF 5%	50V
	<u>JACK</u>			C3314	1-163-031-11	CERAMIC	0.01µF	50V
				C3315	1-163-031-11	CERAMIC	0.01µF	50V
J2231	1-691-110-11	JACK, PIN 3P (KV-32V42/	35V42 ONLY)	C3316	1-163-133-00	CERAMIC	470pF 5%	50V
	<u>RESISTOR</u>			C3317	1-163-133-00	CERAMIC	470pF 5%	50V
R2003	1-216-017-91	RES,CHIP 47	5% 1/10W	C3319	1-163-133-00	CERAMIC	470pF 5%	50V
R2009	1-216-017-91	RES,CHIP 220	5% 1/10W	C3323	1-104-664-11	ELECT	47µF 20%	
R2010	1-216-033-00	RES,CHIP 220	5% 1/10W	C3324	1-163-031-11	CERAMIC	0.01µF	50V
R2059	1-216-047-91	RES,CHIP 820	5% 1/10W	C3325	1-163-031-11	CERAMIC	0.01µF	50V
		(KV-35S66/35S42 ONLY)		C3326	1-104-664-11	ELECT	47μF 20%	16V
R2060	1-216-049-91	RES,CHIP 1K	5% 1/10W	C3327	1-104-664-11	ELECT	47µF 20%	16V
		(KV-35S66/35S42 ONLY)		C3328	1-104-664-11	ELECT	47μF 20%	
R2061	1-216-055-00	RES,CHIP 1.8K	5% 1/10W	C3330	1-126-964-11	ELECT	47μF 20%	
\ZUU I	1-210-000-00	(KV-35S66/35S42 ONLY)	J/0 1/ TUVV	C3334	1-164-005-11	CERAMIC	0.47µF	25V
R2062	1-216-065-91	RES,CHIP 4.7K	5% 1/10W	C3335	1-163-009-11	CERAMIC	0.001µF 10%	
002	1 210 000 01	(KV-35S66/35S42 ONLY)	7,0 1/1011					
R2063	1-216-073-00	RES,CHIP 10K	5% 1/10W	C3336	1-163-031-11	CERAMIC	0.01µF	50V
		(KV-35S66/35S42 ONLY)		C3339	1-163-005-11	CERAMIC	470pF 10%	50V
R2235	1-216-022-00	RES,CHIP 75	5% 1/10W		CONNECTOR	<u> </u>		
		(KV-32V42/35V42 ONLY)		CN3301 *	1-691-632-21	CONNECTO	R,BOARD TO BOAF	RD 15P
R2236	1-216-113-00	RES,CHIP 470K	5% 1/10W	0110001		CONTRLCTO	INDUMINO TO DUAL	וטו ש
		(KV-32V42/35V42 ONLY)		1	<u>DIODE</u>			
R2237	1-216-065-91	RES,CHIP 4.7K	5% 1/10W	D3301	8-719-073-01	DIODE	MA111-(K8).S0	
20000	4 040 440 00	(KV-32V42/35V42 ONLY)	F0/ 4/40***	D3304	8-719-422-12	DIODE	MA8039 ´	
R2238	1-216-113-00	RES,CHIP 470K	5% 1/10W	1	<u>IC</u>			
22220	1 216 065 01	(KV-32V42/35V42 ONLY)	E0/ 1/10\M	1	<u></u>			

IC3301

8-759-599-43

M65669FP-D61S

5%

RES,CHIP 4.7K

1/10W

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Complete Parts Listing

REF.NO.	PART NO.	DESCRIPTION		REM	ARK		REF.NO.	PART NO.	DESCRIPTION		REM	ARK
	COIL						R3358	1-216-689-11	RES,CHIP	39K	5%	1/10W
L3301	1-410-682-31	INDUCTOR	470µH				R3359	1-216-113-00		470K	5%	1/10W
L3301	1-412-058-11	INDUCTOR	470μΠ 10μΗ				R3360	1-216-051-00	RES,CHIP	1.2K	5%	1/10W
L3303	1-412-058-11	INDUCTOR	10μH				R3361	1-216-045-00	RES,CHIP	680	5%	1/10W
	TRANSISTO		-1				R3365	1-216-073-00	,	10K	5%	1/10W
							R3366	1-216-049-91	RES,CHIP	1K	5%	1/10W
Q3304	8-729-216-22						R3367	1-216-073-00		10K	5%	1/10W
Q3305	8-729-216-22						R3368	1-216-049-91	RES,CHIP	1K	5%	1/10W
Q3306	8-729-216-22							CRYSTAL				
Q3309	8-729-422-27						V0004	4 704 077 44	000111 4701	O ODVOTAL		
Q3310	8-729-422-27	IKANSISTOR	. 25D001A-C	l			X3301	1-781-377-11	OSCILLATO	K,CKYSTAL		
Q3311	8-729-111-55	TRANSISTOR	2SD1312-K					_				
Q3312	8-729-216-22							\ /				
Q3313	8-729-422-27							V				
Q3314	8-729-422-27	TRANSISTO	R 2SD601A-0)								
	<u>resistor</u>						*	A-1394-910-A				
R3301	1-216-057-00	RES,CHIP	2.2K	5%	1/10W				(KV-32S66/3			
R3302	1-216-121-91	RES,CHIP	1M	5%	1/10W		*	A-1394-905-A				
R3303	1-216-057-00		2.2K	5%	1/10W				(KV-32V42/3	OV42 UNLT)		
R3304	1-216-133-00	RES,CHIP	3.3M	5%	1/10W			CAPACITOR				
R3305	1-216-037-00	RES,CHIP	330	5%	1/10W		C100	1-164-346-11	CERAMIC	1µF		16V
									(KV-32V42/3			
R3308	1-216-085-00		33K	5%	1/10W		C101	1-165-319-11	CERAMIC	0.1µF		50V
R3309	1-216-025-91	RES,CHIP	100	5%	1/10W				(KV-32V42/3	5V42 ONLY)		
R3310	1-216-025-91	RES,CHIP	100	5%	1/10W		C102	1-164-346-11	CERAMIC	1µF		16V
R3311 R3312	1-216-037-00	RES,CHIP RES,CHIP	330 560	5% 5%	1/10W 1/10W		_		(KV-32V42/3			
K3312	1-216-043-91	KES,CHIP	300	370	1/1000		C103	1-163-017-00		0.0047µF	10%	50V
R3313	1-216-035-00		270	5%	1/10W		0404	4 404 005 44	(KV-32V42/3			05)/
R3316	1-216-295-91	SHORT					C104	1-164-005-11	CERAMIC	0.47µF		25V
R3317	1-216-295-91	SHORT							(KV-32V42/3	OV42 OINLY)		
R3318	1-216-061-00	,	3.3K	5%	1/10W		C105	1-164-005-11	CERAMIC	0.47µF		25V
R3319	1-216-295-91	SHORT							(KV-32V42/3			
R3328	1-216-295-91	SHORT					C150	1-126-956-91	ELECT	0.1µF	20%	50V
R3329	1-216-033-00	RES,CHIP	220	5%	1/10W		C153	1-163-017-00		0.0047µF	10%	50V
R3333	1-216-049-91	RES,CHIP	1K	5%	1/10W		C154	1-126-963-11	ELECT	4.7µF	20%	50V
R3334	1-216-049-91	RES,CHIP	1K	5%	1/10W		C155	1-126-963-11	ELECT	4.7µF	20%	50V
R3335	1-216-049-91	RES,CHIP	1K	5%	1/10W		C156	1-126-963-11	ELECT	4.7µF	20%	50V
R3336	1-216-295-91	SHORT					C158	1-126-963-11	ELECT	4.7µF	20%	50V
R3338	1-216-295-91	SHORT					C160	1-126-964-11	ELECT	10μF	20%	50V
R3340	1-216-295-91	SHORT					C161	1-126-956-91	ELECT	0.1µF	20%	50V
R3342	1-216-057-00	RES,CHIP	2.2K	5%	1/10W		C162	1-163-017-00	CERAMIC	0.0047µF	10%	50V
R3343	1-216-065-91	RES,CHIP	4.7K	5%	1/10W		C163	1-104-664-11	ELECT	47µF	20%	25V
R3344	1-216-073-00	RES,CHIP	10K	5%	1/10W		C164	1-165-319-11	CERAMIC	0.1µF		50V
R3345	1-216-073-00		10K	5%	1/10W		C165	1-126-964-11	ELECT	10μF	20%	50V
R3346	1-216-295-91	SHORT	TOIX	3 70	1/1011		C168	1-126-963-11	ELECT	4.7µF	20%	50V
R3347	1-216-049-91	RES,CHIP	1K	5%	1/10W		C171	1-126-941-11	ELECT	470µF	20%	25V
R3348	1-216-049-91	RES,CHIP	1K	5%	1/10W		C172	1-126-959-11	ELECT	0.47µF	20%	50V
						_	C172	1-126-959-11	ELECT	0.47μF 0.47μF	20%	50V 50V
R3349	1-215-857-11	METAL	10	5%	1W	F	C174	1-126-964-11	ELECT	0.47μ1 10μF	20%	50V
R3351	1-216-041-00		470	5%	1/10W		J., '	0 00111	(KV-32V42/3		_0/0	
R3352 R3353	1-216-295-91 1-216-295-91	SHORT SHORT					C176	1-126-964-11	ELECT	10µF	20%	50V
R3357	1-216-041-00		470	5%	1/10W		C177	1-126-964-11	ELECT	10µF	20%	50V
	0 0 11 00			2,0			C178	1-126-964-11	ELECT	10μF	20%	50V



Complete Parts Listing

Note:

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Note:

REF.NO.	PARTNO.	DESCRIPTION	REMA	<u>RK</u>	REF.NO.	PART NO.	DESCRIPTION		REM	ARK
		(KV-32V42/35V42 ONLY)			C261	1-136-161-00	FILM	0.047µF	5%	50V
C179	1-164-182-11	'	10%	50V			(KV-32S66/35			
		(KV-32V42/35V42 ONLY)			C262	1-104-664-11	ELECT	47µF	20%	25V
C180	1-164-182-11	CERAMIC 0.0033µF (KV-32V42/35V42 ONLY)	10%	50V	C263 C264	1-136-161-00 1-126-941-11	FILM ELECT	0.047µF	5% 20%	50V 25V
C181	1-163-989-11	,	10%	25V	C20 4	1-120-941-11	ELECT	470µF	20%	201
0101	1 100 000 11	(KV-32V42/35V42 ONLY)	1070	201	C266	1-126-960-11	ELECT (KV-32S66/35	1µF SS66 ONLY)	20%	50V
C182	1-163-989-11	CERAMIC 0.033µF (KV-32V42/35V42 ONLY)	10%	25V	C267	1-126-960-11	ELECT (KV-32S66/35	1µF SS66 ONLY)	20%	50V
C183	1-163-227-11	•	0.50%	50V	C270	1-126-960-11	ELECT	1µF	20%	50V
C404	4 400 007 44	(KV-32V42/35V42 ONLY)	0.500/	501/	C271	1-126-960-11	ELECT	1µF	20%	50V
C184	1-163-227-11	CERAMIC 10pF (KV-32V42/35V42 ONLY)	0.50%	50 V	C275 C276	1-104-664-11 1-163-251-11	ELECT CERAMIC	47µF 100pF	20% 5%	25V 50V
C185	1-163-227-11	,	0.50%	50V	0210			тоорі	J /0	30 V
0100	1 100 221 11	(KV-32V42/35V42 ONLY)	0.0070			CONNECTOR	<u> </u>			
C187	1-126-964-11	ELECT 10µF	20%	50V	CN261	1-691-632-21	CONNECTOR			
		(KV-32V42/35V42 ONLY)			CN262	1-573-301-21	CONNECTOR		BOAR	D 20P
C188	1-126-956-91	ELECT 0.1µF	20%	50V	CN263 CN264	1-564-506-11 1-573-979-21	PLUG, CONN CONNECTOR		D D A D	D 11D
		(KV-32V42/35V42 ONLY)			CINZ04		CONNECTOR	, BOARD TO	DOAN	ווע
C189	1-126-956-91		20%	50V		DIODE				
0400	4 400 000 00	(KV-32V42/35V42 ONLY)	400/	051/	D100	8-719-981-99	DIODE MTZJ-			
C190	1-163-986-00	CERAMIC 0.027µF (KV-32V42/35V42 ONLY)	10%	25V	D231	8-719-110-17	DIODE RD10I			
C191	1-163-017-00	,	10%	50V	D232	8-719-110-17	DIODE RD10			
0101	1 100 011 00	(KV-32V42/35V42 ONLY)	1070	001	D233 D234	8-719-110-17 8-719-110-17	DIODE RD10I			
C192	1-163-005-11	,	10%	50V						
		(KV-32V42/35V42 ONLY)			D235	8-719-110-17	DIODE RD10			
C193	1-165-319-11	CERAMIC 0.1µF		50V	D236 D237	8-719-110-17	DIODE RD10		//2/2E/	(42 ONL V)
0100	1 100 010 11	(KV-32V42/35V42 ONLY)			D237 D238	8-719-981-99 8-719-981-99	DIODE MTZJ DIODE MTZJ	•		,
C194	1-163-023-00	•	10%	50V					12,001	12 01121)
		(KV-32V42/35V42 ONLY)			D240	8-719-110-17	DIODE RD10			
C195	1-164-161-11	CERAMIC 0.0022µF (KV-32V42/35V42 ONLY)	10%	50V	D241 D242	8-719-110-17 8-719-110-17	DIODE RD10I			
C196	1-126-965-11	,	20%	50V	D243	8-719-110-17	DIODE RD10			
0100	1 120 000 11	(KV-32V42/35V42 ONLY)	2070	001	D244	8-719-110-17	DIODE RD10			
C197	1-165-319-11	,		50V	D264	8-719-110-17	DIODE RD10	ECDO		
		(KV-32V42/35V42 ONLY)			D265	8-719-110-17	DIODE RD10			
C198	1-126-960-11	ELECT 1µF	20%	50V	D902	8-719-110-17	DIODE RD10		2S66/35	S66 ONLY)
-	,	(KV-32V42/35V42 ONLY)				<u>IC</u>		•		•
C199	1-165-319-11			50V	10400		IC 0V 400040			
0004	4 400 004 **	(KV-32V42/35V42 ONLY)		50\/	IC100 IC101	8-752-072-39 8-759-100-96	IC CXA2021S IC NJM4558N			
C231 C232	1-163-031-11 1-136-161-00	1	5%	50V 50V	IC101	8-759-537-25	IC NJM2150N		2V42/3!	5V42 ONLY)
C232	1-136-161-00	•	5% 5%	50V 50V	IC103	8-759-537-26	IC TDA7467D	,		,
		•			IC261	8-759-534-81	IC MM1313AI	D/ (KV-32S6	6/35S6	6 ONLY)
C234	1-126-960-11		20%	50V	IC261	8-759-366-77	IC MM1311AI	O (KV-32V42	2/35V42	ONLY)
C235 C236	1-126-960-11 1-136-161-00	· ·	20% 5%	50V 50V		<u>JACK</u>				
C237	1-136-161-00	•	20%	50V	J231	1-750-515-11	TERMINAL B	LOCK S 3P		
C238	1-126-960-11	•	20%	50V	J232	1-750-513-11	JACK BLOCK			
C241	1-126-941-11	·	20%	25V	J233	1-750-516-11	JACK BLOCK			
		(KV-32V42/35V42 ONLY)			J234	1-750-517-11	JACK BLOCK	K, PIN 3P (K		2/35V42 ONLY)
C242	1-126-959-11	ELECT 0.47µF (KV-32V42/35V42 ONLY)	20%	50V	J902	1-764-143-11	JACK 3P (KV	-32\$66/35\$	66 ONL	.Y)
C244	1-126-959-11	,	20%	50V	J903	1-764-143-11	JACK 3P (KV			
		(KV-32V42/35V42 ONLY)			J904	1-764-143-11	JACK 3P (KV	-32566/358	ob ONL	.Υ)

Note:

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Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



Complete Parts Listing

			pico	e portant le nam	T Specific.		Complet	C i aits	LIS	<u>.</u>
REF.NO.	PART NO.	DESCRIPTION	REM	<u>IARK</u>	REF.NO.	PART NO.	DESCRIPTION		REM	<u>IARK</u>
	CHIP COND	UCTOR			R109	1-216-089-91	RES,CHIP	47K	5%	1/10W
JR101	1-216-295-9°	1 SHORT			R110	1-216-089-91	RES,CHIP	47K	5%	1/10W
JR106	1-216-295-9		25\/42 ONI V	7	R111	1-216-025-91	RES,CHIP	100	5%	1/10W
JR107	1-216-295-9	•			R112	1-216-121-91	RES,CHIP	1M	5%	1/10W
JR109	1-216-295-9	•	JOV-72 OINLI	,	R113	1-216-081-00	RES,CHIP	22K	5%	1/10W
JR147	1-216-295-9		35S66 ONLY	7	Kills	1-210-001-00	(KV-32V42/3		J/0	1/1000
	1 210 200 0	0110111 (111 02000)	JOOOD ONL	,	R114	1-216-081-00	RES,CHIP	22K	5%	1/10W
JR148	1-216-295-9	1 SHORT (KV-32S66/	35S66 ONLY	")	I KIII	1 210 001 00	(KV-32V42/3		3 /0	1/1011
JR201	1-216-295-9				R115	1-216-081-00	RES,CHIP	22K	5%	1/10W
JR204	1-216-295-9°				•			5V42 ONLY)	0,0	.,
JR205	1-216-295-9				R116	1-216-081-00	RES,CHIP	22K	5%	1/10W
JR269	1-216-295-9°	1 SHORT					(KV-32V42/3			
JR270	1-216-295-9	1 SHORT			R117	1-216-073-00	RES,CHIP	10K	5%	1/10W
JR272	1-216-295-9°	1 SHORT			Kill	1-210-073-00	(KV-32V42/3		J /0	1/1000
JR273	1-216-295-9	1 SHORT			R118	1-216-073-00	RES,CHIP	10K	5%	1/10W
JR274	1-216-295-9				1110	1 210 010 00	(KV-32V42/3		070	1/1011
JR276	1-216-295-9	1 SHORT			R119	1-216-073-00	RES,CHIP	10K	5%	1/10W
JR901	1-216-295-9°	1 SHORT (KV-32S66/	DECEE ONI V	^	•		(KV-32V42/3		0,0	., . • • •
JR902	1-216-295-9	\			R124	1-216-033-00	RES,CHIP	220	5%	1/10W
JR903	1-216-295-9	,		,			(KV-32V42/3		-,-	
311303		,	JJV42 OINLI)	R125	1-216-033-00	RES,CHIP	220	5%	1/10W
	TRANSISTO	<u>DR</u>					(KV-32V42/3	5V42 ONLY)		
Q100	8-729-422-2	7 TRANSISTOR 2SD6	601A-Q		R126	1-216-063-91	RES,CHIP	3.9K	5%	1/10W
Q101	8-729-422-27	7 TRANSISTOR 2SD6	601A-Q		K120	1-210-003-91	(KV-32V42/3		3/0	1/1000
Q231	8-729-422-27	7 TRANSISTOR 2SD6	601A-Q		R127	1-216-089-91	RES,CHIP	47K	5%	1/10W
		(KV-32V42/35V42 C	,		18121	1-210-003-31	(KV-32V42/3		J/0	1/1044
Q233	8-729-422-27				R128	1-216-085-00	RES,CHIP	33K	5%	1/10W
_		(KV-32V42/35V42 C	,		11120	1 210 000 00	(KV-32V42/3		070	171011
Q234	8-729-422-27				R129	1-216-053-00	RES,CHIP	1.5K	5%	1/10W
		(KV-32V42/35V42 C	NLY)				(KV-32V42/3		-,-	
Q238	8-729-216-22	2 TRANSISTOR 2SA1	162-G		R130	1-216-100-00	RES,CHIP	130K	5%	1/10W
		(KV-32V42/35V42 C					(KV-32V42/3	5V42 ONLY)		
Q239	8-729-216-22	,	,		B404	4 040 040 04	DEO OUID	417	5 0/	4/40/4/
		(KV-32V42/35V42 C			R131	1-216-049-91	RES,CHIP	1K	5%	1/10W
Q237	8-729-216-22	2 TRANSISTOR 2SA1	162-G		D422	1-216-088-00	(KV-32V42/3		E0/	4/40\\
Q243	8-729-216-22	2 TRANSISTOR 2SA1	162-G		R132	1-216-088-00	RES,CHIP	43K 5V42 ONLY)	5%	1/10W
Q261	8-729-422-27	7 TRANSISTOR 2SD6	01A-Q		R133	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
		(KV-32S66/35S66 C	NLY)		R134	1-216-061-00	RES,CHIP	3.3K	5%	1/10W
0000	0.700.400.0	7 TDANICICTOD SCO	2011		R135	1-216-097-91	RES,CHIP	100K	5%	1/10W
Q262 Q263	8-729-422-27 8-729-216-22				11133	1-210-037-31	INLO,OI III	1001	J/0	1/1044
Q265	8-729-216-22				R136	1-216-081-00	RES,CHIP	22K	5%	1/10W
Q200		Z TRANSISTOR ZSAT	102-0				(KV-32S66/3	5S66 ONLY)		
	RESISTOR				R136	1-216-085-00	RES,CHIP	33K	5%	1/10W
R100	1-216-033-00	0 RES,CHIP 220	5%	1/10W			(KV-32V42/3			
R101	1-216-033-00		5%	1/10W	R137	1-216-025-91	RES,CHIP	100	5%	1/10W
R102	1-216-073-00	•	5%	1/10W	R201	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R103	1-216-081-00	,	5%	1/10W			(KV-32V42/3			
		(KV-32S66/35S66 C			R202	1-216-049-91	RES,CHIP	1K	5%	1/10W
R103	1-216-085-00	,	5%	1/10W			(KV-32V42/3	5V42 ONLY)		
		(KV-32V42/35V42 C	NLY)		R203	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
D404	4 040 000 =	,	•	4/4014/	1.200	. =10 000 00	(KV-32V42/3		3,0	.,
R104	1-216-089-9		5%	1/10W	R204	1-216-069-00	RES,CHIP	6.8K	5%	1/10W
R105	1-216-089-9	,	5%	1/10W				5V42 ONLY)		
R106	1-216-049-9	,	5%	1/10W	R212	1-249-440-11	CARBON	82K	5%	1/4W
R107	1-216-049-9		5% 5%	1/10W	R213	1-216-065-91	RES,CHIP	4.7K	5%	1/10W
R108	1-216-073-00	0 RES,CHIP 10K	5%	1/10W	I		•			



Complete Parts Listing

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Note:

	<u> </u>				T						
<u>REF.NO.</u>	<u>PART NO.</u>	DESCRIPTION	REM	<u>ARK</u>	REF.NO.	<u>Part no.</u>	DESCRIPTION		REM	<u>ark</u>	
		(KV-32V42/35V42 ON	,		R272	1-249-417-11	CARBON	1K	5%	1/4W	
R214	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	R274	1-249-413-11	CARBON	470	5%	1/4W	
		(KV-32V42/35V42 ON	•		R275	1-249-425-11	CARBON	4.7K	5%	1/4W	
R215	1-249-413-11	CARBON 470	5%	1/4W			(KV-32S66/3	,			
R216	1-216-025-91	RES,CHIP 100	5%	1/10W	R276	1-249-425-11	CARBON	4.7K	5%	1/4W	
R217	1-216-025-91	RES,CHIP 100	5%	1/10W			(KV-32S66/3				
11217	1-210-025-91	(KV-32V42/35V42 ON		1/1044	R277	1-216-049-91	RES,CHIP	1K	5%	1/10W	
R218	1-216-025-91	RES,CHIP 100	5%	1/10W	R279	1-216-025-91	RES,CHIP	100	5%	1/10W	
11210	1 210 020 01	(KV-32V42/35V42 ON		1/1044	R280	1-216-033-00	•	220	5%	1/10W	
R228	1-216-033-00	RES,CHIP 220	- 1 <i>)</i> 5%	1/10W	R281	1-216-033-00		220	5%	1/10W	
R229	1-216-025-91	RES,CHIP 100	5%	1/10W	R282	1-216-025-91	RES,CHIP	100	5%	1/10W	
R230	1-216-033-00	RES,CHIP 220	5%	1/10W	R283	1-216-025-91	RES,CHIP	100	5%	1/10W	
R231	1-216-022-00	RES,CHIP 75	5%	1/10W	R284	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
R232	1-216-022-00	RES,CHIP 75	5%	1/10W	R285	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
R233	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	R286	1-216-049-91	RES,CHIP	1K	5%	1/10W	
R234	1-216-022-00	RES,CHIP 75	5%	1/10W	R288	1-247-815-91	CARBON	220	5%	1/4W	
R235	1-216-113-00	RES,CHIP 470K	5%	1/10W			(KV-32V42/3				
R236	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	R289	1-247-815-91	CARBON	220	5%	1/4W	
R237	1-216-113-00	RES,CHIP 470K	5%	1/10W			(KV-32V42/3	5V42 ONLY)			
R238	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	R290	1-247-815-91	CARBON	220	5%	1/4W	
R239	1-216-022-00	RES,CHIP 75	5%	1/10W	1,200	1211 01001	(KV-32V42/3		0/0	.,	
R240	1-216-113-00	RES,CHIP 470K	5%	1/10W	R291	1-216-025-91	RES,CHIP	100	5%	1/10W	
14210	121011000		070		R292	1-216-025-91	RES,CHIP	100	5%	1/10W	
R241	1-216-065-91	RES,CHIP 4.7K	5%	1/10W	11202	1 210 020 01	(KV-32V42/3		0/0	17 1011	
R242	1-216-113-00	RES,CHIP 470K	5%	1/10W	R293	1-216-025-91	RES,CHIP	100	5%	1/10W	
R243	1-216-065-91	RES,CHIP 4.7K	5%	1/10W		0_0 0_0 0.	(KV-32S66/3		0,0	., . • • •	
R244	1-216-113-00	RES,CHIP 470K	5%	1/10W	R294	1-216-049-91	RES,CHIP	1K ′	5%	1/10W	
R245	1-249-417-11	CARBON 1K	5%	1/4W	Door	1 010 105 11	CARRON	400	5 0/	4/04/	_
R246	1-216-113-00	RES,CHIP 470K	5%	1/10W	R902	1-249-405-11	CARBON	100	5%	1/4W	F
R247	1-249-417-11	CARBON 1K	5%	1/4W	R919	1-216-295-91	SHORT (KV-		,	4/04/	_
R248	1-216-021-00	RES,CHIP 68	5%	1/10W	R920	1-249-405-11	CARBON	100	5%	1/4W	F
11210	1 210 021 00	(KV-32V42/35V42 ON		171011	R921	1-249-405-11	CARBON	100	5%	1/4W	F
R249	1-216-113-00	RES,CHIP 470K	5%	1/10W	R922	1-216-049-91	RES,CHIP	1K	5%	1/10W	
		(KV-32V42/35V42 ON			Doon	4 040 040 04	(KV-32S66/3	,	F 0/	4/40\\	
R250	1-216-113-00	RES,CHIP 470K	5%	1/10W	R923	1-216-049-91	RES,CHIP	1K	5%	1/10W	
		(KV-32V42/35V42 ON					(KV-32S66/3	5566 UNLY)			
Doca	4 040 440 00			4/4004/	l —						
R251	1-216-113-00	RES,CHIP 470K	5%	1/10W	\ \	′∧ ⊨					
DOEC	4 040 000 00	(KV-32V42/35V42 ON	,	4/40\\\	V V	$\boldsymbol{\wedge}$					
R256	1-216-069-00	RES,CHIP 6.8K	5%	1/10W							
		(KV-32V42/35V42 ON	_1)		*	A-1372-462-A	WA BOARD,	COMPLETE			
R259	1-216-065-91	RES,CHIP 4.7K	5%	1/10W			(KV-35S42/3	5S66/35V42	ONLY)		
		(KV-32V42/35V42 ON	_Y)			4-382-854-11	SCREW (M3	X10), P, SW	(+)		
R261	1-216-009-91	RES,CHIP 22	5%	1/10W		CAPACITOR	•	·			
		(KV-32S66/35S66 ON	_Y)			<u>om mon on</u>					
R264	1-247-815-91	CARBON 220	5%	1/4W	C941	1-126-935-11	ELECT	470µF	20%	16V	
DOCE	4 047 045 04	CADDON 000	F 0/	4/4\4/	C944	1-163-021-91	CERAMIC	0.01µF	10%	50V	
R265	1-247-815-91	CARBON 220	5%	1/4W	C945	1-163-001-11	CERAMIC	220pF	10%	50V	
R266	1-216-295-91	SHORT (KV-32S66/35	S66 UNLY)		C946	1-126-933-11	ELECT	100μF	20%	16V	
R267	1-249-415-11	CARBON 680	5%	1/4W	C949	1-161-830-00	CERAMIC	0.0047µF		500V	
		(KV-32S66/35S66 ON			COEO	1 106 000 44	ELECT	100uE	200/	16\/	
R268	1-216-025-91	RES,CHIP 100	5%	1/10W	C950 C951	1-126-933-11	ELECT ELECT	100µF	20% 20%	16V 160V	
R269	1-216-025-91	RES,CHIP 100	5%	1/10W	C951 C952	1-107-638-11 1-104-999-11	MYLAR	33µF 0.1µF	20% 10%	200V	
R270	1-216-041-00	RES,CHIP 470	5%	1/10W			MYLAR	-		200V 200V	
R271	1-249-415-11	CARBON 680	5%	1/4W	C953 C954	1-106-383-00 1-130-471-00	FILM	0.047μF 0.001μF	10% 5%	200V 50V	
					U304	1-130-471-00	LITIN	υ.υυ ιμΓ	J/0	JU V	

R954

1-216-033-00

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.



Complete Parts Listing

100µF

20% 16V

REF.NO.	PARTNO.	DESCRIPTION		REM	ARK		REF.NO.	PART NO.	DESCRIPTION		REM	ARK	
C955	1-107-667-11	ELECT	2.2µF	20%	160V		R955	1-216-047-91	RES,CHIP	820	5%	1/10W	
956	1-130-471-00	FILM	0.001µF	5%	50V		R956	1-216-295-91	SHORT				
7	1-106-383-00	MYLAR	0.047µF	10%	200V		R957	1-216-073-00	RES,CHIP	10K	5%	1/10W	
58	1-126-933-11	ELECT	100µF	20%	16V		R958	1-216-295-91	SHORT				
31	1-163-251-11	CERAMIC	100pF	5%	50V		R959	1-216-021-00	RES,CHIP	68	5%	1/10W	
			·										
62	1-163-021-91	CERAMIC	0.01µF	10%	50V		R960	1-216-689-11	RES,CHIP	39K	5%	1/10W	
65	1-163-035-00	CERAMIC	0.047µF		50V		R961	1-216-073-00	RES,CHIP	10K	5%	1/10W	
66	1-163-009-11	CERAMIC	0.001µF	10%	50V		R962	1-216-057-00	RES,CHIP	2.2K	5%	1/10W	
67	1-129-718-00	FILM	0.022µF	5%	630V		R963	1-216-097-91	RES,CHIP	100K	5%	1/10W	
968	1-137-579-11	FILM	0.068µF	5%	100V		R964	1-216-073-00	RES,CHIP	10K	5%	1/10W	
169	1-163-035-00	CERAMIC	0.047µF		50V		R965	1-216-073-00	RES,CHIP	10K	5%	1/10W	
981	1-126-941-11	ELECT	470µF	20%	25V		R966	1-216-097-91	RES,CHIP	100K	5%	1/10W	
983	1-137-366-11	FILM	0.0022µF	5%	50V		R967	1-216-065-91	RES,CHIP	4.7K	5%	1/10W	
			0.0022μι	J /U	00 V		R968	1-216-083-00	RES,CHIP	27K	5%	1/10W	
	CONNECTOR						R969	1-216-295-91	SHORT	2111	J/0	1/1000	
N941	1-564-511-11	PLUG, CON	NECTOR 8P										
1961	1-770-723-11	CONNECTO		O BOA	RD 8P		R970	1-216-033-00	RES,CHIP	220	5%	1/10W	
1 981	1-564-506-11	PLUG, CONN					R971	1-247-899-11	CARBON	680K	5%	1/4W	
		50,0011					R972	1-216-073-00	RES,CHIP	10K	5%	1/10W	
	DIODE						R973	1-216-121-91	RES,CHIP	1M	5%	1/10W	
141	8-719-991-33	DIODE	1SS133T-7	77			R974	1-216-073-00	RES,CHIP	10K	5%	1/10W	
946	8-719-110-88	DIODE	RD39ESB2				D075		METAL	40	F 0/	OM	
947	8-719-110-88	DIODE	RD39ESB2					△ 1-216-446-00	METAL	18	5%	2W	
961	8-719-109-89	DIODE	RD5.6ESB					↑ 1-216-423-11	METAL	27	5%	1W	
962		DIODE					R979	1-216-017-91	RES,CHIP	47	5%	1/10W	
	8-719-991-33		1SS133T-7	11			R981	1-216-081-00	RES,CHIP	22K	5%	1/10W	
964	8-719-302-43	DIODE	EL1Z				R982	1-216-081-00	RES,CHIP	22K	5%	1/10W	
	<u>IC</u>						R983	1-216-081-00	RES,CHIP	22K	5%	1/10W	
961	8-759-700-07	IC	NJM2903N	1			R984	1-216-081-00	RES,CHIP	22K	5%	1/10W	
981	8-759-603-37	IC	M5216P				R987	1-216-049-91	RES,CHIP	1K	5%	1/10W	
							R988	1-216-295-91	SHORT	ш	3/0	1/1044	
	COIL						R989	1-216-304-11	RES,CHIP	3.3	5%	1/10W	
942	1-215-863-11	METAL	100	5%	1W	F	1,909	1-210-304-11	NEO,OI IIF	3.3	3/0	1/1000	
962	1-406-989-21	INDUCTOR	10µH				R992	1-216-073-00	RES,CHIP	10K	5%	1/10W	
163	1-406-675-11	INDUCTOR	4.7µH				R1941	1-260-311-51	CARBON	39	5%	1/2W	
100			π./μιι				R1942	1-249-384-11	CARBON	1.8	5%	1/4W	
	TRANSISTOR						R1943	1-249-414-11	CARBON	560	5%	1/4W	
943	8-729-422-27	TRANSISTOR	2SD601A-0)			R1944	1-249-432-11	CARBON	18K	5%	1/4W	
944	8-729-422-27	TRANSISTO											
945	8-729-422-27	TRANSISTO					R1945	1-216-476-11	METAL	180	5%	3W	
9 4 5 946	8-729-017-05	TRANSISTO		×			R1946	1-249-417-11	CARBON	1K	5%	1/4W	
							R1947	1-249-432-11	CARBON	18K	5%	1/4W	
)47	8-729-017-06	TRANSISTOR	2304/93			I .	R1948	1-249-414-11	CARBON	560	5%	1/4W	
962	8-729-931-45	TRANSISTOR	RF614			I	R1949	1-249-384-11	CARBON	1.8	5%	1/4W	
963	8-729-216-22	TRANSISTOR		<u> </u>		I .	R1950	1-249-400-11	CARBON	39	5%	1/4W	
965	8-729-422-27	TRANSISTOR									•		
966 981	8-729-216-22	TRANSISTOR TRANSISTOR					 \ \ /						_
81	8-729-422-27	TRANSISTOR	(25D601A-C	J.			V V	D					
	<u>resistor</u>												
943	1-216-025-91	RES,CHIP	100	5%	1/10W		,	A-1372-508-A					
948	1-216-049-91	RES,CHIP	1K	5%	1/10W				(KV-32S42/3	2S66/32V4	2 ONLY)		
949	1-216-049-91	RES,CHIP	1K	5%	1/10W			4-382-854-11	SCREW (M3				
950	1-216-049-91	RES,CHIP	1K	5%	1/10W				(11 1 3	` /		
951	1-216-049-91	RES,CHIP	1K	5% 5%	1/10W			CAPACITOR					
952		RES,CHIP	330	5% 5%	1/10W		C2941	1-126-935-11	ELECT	470µF	20%	16V	
	1-216-037-00						C2944	1-163-021-91	CERAMIC	0.01µF	10%	50V	
953	1-216-021-00	RES,CHIP	68	5% 59/	1/10W		C2946	1-126-933-11		100μF	20%	16V	

220

RES,CHIP

5%

1/10W

C2946

1-126-933-11

ELECT



Complete Parts Listing

Note:

The components identified by shading and mark \triangle are critical for safety. Replace only with part number specified.

REF.NO.

R4947

R4948

R4949

R4950

PART NO.

1-249-432-11

1-249-414-11

1-249-384-11

1-249-400-11

Note:

DESCRIPTION

CARBON

CARBON

CARBON

CARBON

Les composants identifies per un trame et une marque \triangle sont critiques pour la securite. Ne les remplacer que par une piece portant le numero specifie.

18K

560

1.8

39

REMARK

1/4W

1/4W

1/4W

1/4W

F

F

5%

5%

5%

5%

•	ompiete	rai is Li	sung		-	-
REF.NO.	PARTNO.	DESCRIPTION		REMA	<u>\RK</u>	
C2949 C2950 C2951 C2952 C2953	1-161-830-00 1-126-933-11 1-107-638-11 1-104-999-11 1-106-383-00	CERAMIC ELECT ELECT MYLAR MYLAR	0.0047μF 100μF 33μF 0.1μF 0.047μF	20% 20% 10% 10%	500V 16V 160V 200V 200V	
C2954 C2955 C2956 C2957 C2958 C2975	1-130-471-00 1-107-667-11 1-130-471-00 1-106-383-00 1-126-933-11 1-163-001-11	FILM ELECT FILM MYLAR ELECT CERAMIC	0.001µF 2.2µF 0.001µF 0.047µF 100µF 220pF	5% 20% 5% 10% 20% 10%	50V 160V 50V 200V 16V 50V	
	CONNECTOR					
CN2941 *	1-564-508-11 DIODE	PLUG, CONNE	ECTOR 5P			
D2941 D2946 D2947	8-719-991-33 8-719-110-88 8-719-110-88 COIL	DIODE DIODE DIODE	1SS133T-77 RD39ESB2 RD39ESB2			
L2942	1-215-863-11 TRANSISTOR	METAL	100	5%	1W	F
Q2943 Q2944 Q2945 Q2946 Q2947	8-729-422-27 8-729-422-27 8-729-422-27 8-729-017-05 8-729-017-06	TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR TRANSISTOR	R 2SD601A-Q R 2SD601A-Q 2SA1837	!		
Q2965 Q2966	8-729-422-27 8-729-216-22	TRANSISTOR TRANSISTOR				
	RESISTOR					
R2943 R2948 R2949 R2950 R2951	1-216-025-91 1-216-049-91 1-216-049-91 1-216-049-91 1-216-049-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP RES,CHIP	100 1K 1K 1K 1K	5% 5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W 1/10W	
R2952 R2953 R2954 R2955 R2956	1-216-037-00 1-216-021-00 1-216-033-00 1-216-047-91 1-216-295-91	RES,CHIP RES,CHIP RES,CHIP RES,CHIP SHORT	330 68 220 820	5% 5% 5% 5%	1/10W 1/10W 1/10W 1/10W	
R2957 R2958 R2959 R2979	1-216-073-00 1-216-295-91 1-216-021-00 1-216-017-91	RES,CHIP SHORT RES,CHIP RES,CHIP	10K 68 47	5% 5% 5%	1/10W 1/10W 1/10W	
R4941 R4942	1-260-311-51 1-249-384-11	CARBON CARBON	39 1.8	5% 5%	1/2W 1/4W	F
R4943 R4944 R4945	1-249-414-11 1-249-432-11 1-216-476-11	CARBON CARBON METAL	560 18K 180	5% 5% 5%	1/4W 1/4W 3W	F F
R4946	1-249-417-11	CARBON	1K	5%	1/4W	F

	ACCESSORIE	S & PACKING
*	4-041-259-01	BAG, PROTECTION (KV-32S42/32S66/32V42 ONLY)
*	4-053-658-01	BAG, PROTECTION (KV-35S42/35S66/35V42 ONLY)
*	4-053-276-03	CARTON, INDIVIDUAL (KV-35V42 ONLY)
*	4-054-073-14	CARTON, INDIVIDUAL (KV-32V42 ONLY)
*	4-056-782-01	CARTON, INDIVIDUAL (KV-35S42/35S66 ONLY)
*	4-063-179-01	CARTON, INDIVIDUAL (KV-32S42/32S66 ONLY)
*	4-054-070-04	CUSHION, LOWER ASSY (KV-32V42 ONLY)
*	4-056-784-01	CUSHION, LOWER ASSY
	1 000 101 01	(KV-35S42/35S66 ONLY)
*	4-063-181-01	CUSHION, LOWER ASSY
		(KV-32S42/32S66 ONLY)
*	4-067-388-01	CUSHION, LOWER ASSY (KV-35V42 ONLY)
		,
*	4-054-067-02	CUSHION, UPPER ASSY (KV-32V42 ONLY)
*	4-056-783-01	CUSHION, UPPER ASSY
		(KV-35S42/35S66 ONLY)
*	4-063-180-01	CUSHION, UPPER ASSY
*	4 007 007 04	(KV-32S42/32S66 ONLY)
*	4-067-387-01	CUSHION, UPPER ASSY (KV-35V42 ONLY)
	3-866-793-21	MANUAL, INSTRUCTION
	0 000 100 21	(KV-32S42/32S66/32V42/35S42/35S66/
		35V42 ONLY)
	3-866-793-31	MANUAL, INSTRUCTION
		(KV-32S42CND/32S66CND/35S42CND/

REMOTE COMMANDER

1-418-387-11	REMOTE COMMANDER (RM-Y168)
	(KV-32S42/32V42/35S42/35V42 ONLY)
4-978-977-01	BATTERY COVER FOR RM-Y168
	(KV-32S42/32V42/35S42/35V42 ONLY)
1-418-384-11	REMOTE COMMANDER (RM-Y169)
	(KV-32S66/35S66 ONLY)
4-978-977-01	BATTERY COVER FOR RM-Y169
	(KV-32S66/35S66 ONLY)

35S66CND ONLY)